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1894

JAMES W. H. GREGORY
LEON

CATALOGUE OF
HOME GROWN
SEEDS

CATALOGUES
FREE TO ALL.

MARBLEHEAD
MASS

BOOKS FOR FARMERS AND OTHERS.

A NEW BOOK FOR FARMERS AND GARDENERS.

FERTILIZERS: Where the Materials come from, where to get them in the Cheapest Form, how to Compound Formulas, etc.

BY JAMES J. H. GREGORY, MARBLEHEAD, MASS.

For more than twenty-five years we have made use of what are known among farmers as "fertilizers," as distinguished from the manure of the barnyard, using in recent years, mostly in the drill, from thirty to eighty tons annually. Of late we have compounded these ourselves, purchasing the materials and various chemicals where we could find the best articles cheapest. We have repeatedly been urged by the agricultural societies, before whom we have lectured on the subject of Fertilizers, to publish our lectures. To oblige our many friends who have made this request, and as

a help to many of our customers who are seeking help along this dark and difficult road, we now do so. In our little work there will be found many valuable tables, with many suggestions, and much information on the purchase of materials, the combining of them, and the use of the fertilizers made from them. We believe it will give a good return to any of our customers for their outlay. The treatise makes a book of 116 pages; price, per mail, 40 cts.; cloth, 65 cts.

Single copies of either of the four following treatises sent by mail for 30 cents, or the five for \$1.35. Seed dealers and booksellers supplied at the usual discount.

ONION RAISING: What Kinds to Raise, and the Way to Raise Them. By J. J. H. GREGORY, Marblehead, Mass.

This work, which we issued in 1865, has been warmly recommended by some of the best authorities in the country, and has gone through fifteen editions. It treats on Onions raised from seed, Potato Onions, Onion Sets, Top Onions, Shallots, and Rareripes, the Onion Maggot, Rust, the merits of the different varieties of Onions, instructions in seed raising, and how to tell good seed, — beginning with the selecting the ground, and carrying the reader along, step by step, through the preparing of the soil, manuring, ploughing, planting, hoeing, weeding, gathering the crop, storing and marketing it, with a hundred minute details, embracing every department of the subject. Illustrated with thirteen engravings of Onions, Sowing Machines, and Weeding Machines.

SQUASHES, AND HOW TO GROW THEM. By J. J. H. GREGORY, Marblehead, Mass.

This treatise is of about the same size and style as our treatise on "Onion Raising," and contains several illustrations, including a section of our squash house, with full directions for erecting one. In plan and thoroughness it is similar to our Onion treatise; *very minute and thorough*. Beginning with the selection of soil, it treats of the best way of preparing it; the best manures and the way to apply them; planting the seed, protecting the vines from bugs and maggots, the cultivation, gathering, storing, and marketing of the crops; giving hundreds of minute details so valuable to inexperienced cultivators. We have written this and our other treatises on the theory that what the public want is *minuteness and thoroughness of detail*.

CABBAGES, AND HOW TO RAISE THEM. By J. J. H. GREGORY, Marblehead, Mass.

This treatise gives all the minute instructions so valuable to the beginner. It begins with the selecting the ground, and carries the reader along, step by step, through the preparing of the soil, manuring, ploughing, planting, hoeing, weeding, gathering the crop, storing and marketing it, with a hundred minute details embracing every department of the subject.

To prepare ourselves the more thoroughly to write on this work, we experimented on foreign and native varieties of cabbage for four years, raising not far from seventy kinds. The gist of our experience will be found in this treatise. It is illustrated by several fine engravings. We have added a paragraph on the green worm that is causing so much trouble in some localities.

CARROTS, MANGOLD - WURTZELS, AND SUGAR BEETS: What Kinds to Raise, How to Grow Them, and How to Feed Them. By J. J. H. GREGORY, Marblehead, Mass.



The increased attention given to the raising of roots for feeding to stock, particularly the Carrot and Mangold-wurtzel, has led us to write this treatise. We have endeavored to follow the manner presented in our other works, and give that minuteness of detail in every step of progress, from the seed to the matured crop, that is generally desired by the public. While this work is more particularly intended for persons of limited experience, yet it gathers up so much of experience and observation, covering so much ground in the growing and handling of these two standard crops, that we should be disappointed if about every grower did not find within its covers some facts of more value to him than the cost of the book.

In response to inquiries made for books treating on various subjects of interest to the farmer, we offer the following list of works, all by authors of high repute, any of which will be sent, postpaid, to any address in the United States or Canada, on receipt of the price.

Asparagus Culture.....	\$0.50	How to make Candy.....	\$0.50
An Egg Farm: How to Manage Poultry Largely.....	.50	Hunter and Trapper.....	.75
Allen's (R. L. and L. F.) New American Farm Book.....	2.50	Keeping one Cow.....	1.00
Bommer's Method of Making Manures.....	.25	Mushrooms: How to grow them.....	1.50
Broom Corn and Brooms.....	.50	Oemler's Truck Farming for the South. (New).....	1.50
Brown's Taxidermist's Manual.....	1.00	Our Farm of Four Acres.....	.30
Canning and Preserving, complete receipts therefor.....	.40	Peach Culture. Fulton.....	1.50
Cauliflower Growing and Cauliflower Cooking. (New.) 220 pp. Cloth.....	1.00	Pedder's Land Measurer.....	.60
Canary Birds.....	.50	Practical Floriculture. By P. Henderson.....	1.50
Cider Maker's Handbook. (New.).....	1.00	Practical Fruit Grower. Full of valuable hints.....	.50
Cranberry Culture. By Joseph J. White.....	1.25	Quince Culture. (New.) By W. W. Meech.....	1.00
Dadd's (George H.) Modern Horse Doctor.....	1.50	Quinn's Money in the Garden.....	1.50
Dadd's American Cattle Doctor.....	1.50	Quinby's New Bee Keeping.....	1.50
Family Horse. (New.) By Geo. A. Martin. (Extremely popular).....	1.00	Rawson's Celery and its Cultivation.....	.25
Flax Culture, giving full directions.....	.30	Silos, Ensilage, and Silage. (New.) A practical treatise. By Manly Miles.....	.50
Fuller's Small Fruit Culturist. (New edition, enlarged).....	1.50	Sweet Potato Culture. (New and enlarged edition).....	.60
Fuller's Strawberry Culturist.....	.25	The New Onion Culture. (Greiner).....	.50
Greenhouse Construction.....	1.50	The Propagation of Plants. Describing hybridizing and crossing.....	1.50
Harris on the Pig. By Joseph Harris.....	1.50	The Horse: How to Buy and Sell.....	1.00
Harris's Talks on Manures.....	1.75	Tobacco Culture.....	.25
Henderson's Gardening for Pleasure. (New edition).....	2.00	Twenty-five-cent Dinners for Families of Six.....	.25
Henderson's Gardening for Profit. (New revised edition).....	2.00		
Hop Culture.....	.30		

James J. H. Gregory & Son's Retail Catalogue for 1894.

TO OUR PATRONS.

PLEASE NOTICE.—Our customers will please notice that our prices are by mail postpaid by us, or by express or freight at purchaser's expense; and that seeds sent by express or freight are 8 cents less per pound than when sent by mail. Some may not be aware of the fact (this does not apply to goods sent by express) that the freight on one hundred pounds of merchandise does not, as a rule, cost more than for ten pounds or less. When not ordered by mail, it is desirable that customers should indicate whether they wish their seed sent by express or freight; when no preference is given, we will use our best judgment in their behalf. We make no charge for boxes or packing.  When comparing our rates with other dealers, please remember, — 1st, That we prepay postage on mail matter, and the postage is included in the price; 2d, That all orders for seed, to the amount of five dollars and upwards, are subject to a cash discount, as stated at bottom of page; 3d, That we grow a far larger proportion of the varieties of the seed we sell than is common with other dealers; 4th, Our three warrants. 

A Word with Our Patrons.—This has been an extra hard year for us farmers, but it is a comforting thought that we produce more of the eatables and drinkables and wearables (either directly or in raw material that can be exchanged for the products of the butcher, the baker, or the groceryman) than any other class of workers; and, while tens of thousands can find nothing to do, we can always hire ourselves to some profitable employment, calling no man master. While the whims of Fashion may annihilate industries on which thousands have depended for their daily bread, she can never close the mouths of the eater or the drinker. They will always be open, clamoring for us to fill them, while the Great Father of us all can always be relied upon to send in their season the seedtime and the harvest. Let us, then, my brother farmers, shut the door on discouragement, cherish a great respect for our calling, keep up a high courage, and during the long winter evenings devote our time to studying carefully all the economics bearing on the production and the marketing of our crops.

The Seed Crop.—There has been an unexampled failure of almost every variety of seed in Europe, owing to a terrible drought so severe that peas that had been planted six weeks were found not to have sprouted. This will affect the price of a few varieties offered in our catalogue, more especially railish seed. Of home-grown seed the crops have generally averaged as usual, with the exception of the varieties of wrinkled peas, some of which have proved nearly a failure, some varieties of beans and carrot and beet seed.

A Few Presents in the Agricultural Line.—We will continue our practice of the four past years, of giving to our customers a year's subscription to one hundred agricultural papers and magazines. We trust they enjoy the receiving of them as much as we enjoy the giving of them, for we like for our farmer friends to get some advantage from what surplus funds we may have to spare. We will distribute these by assigning one to every hundredth seed order received, until all are disposed of, with no reference to the size of the order; for the papers we give more from kindly feeling towards our customers than as premiums. A full list of all the agricultural works published in the United States and Canada will be sent to select from. We cannot spare space sufficient to give each year the names of those to whom they were sent the year previous, but any one interested in such matters can see the list at our seed-house.

We Thank Our Friends for very acceptable presents we are constantly receiving from them of vegetable seed that are new or choice in their localities. We plant them on our experimental grounds to compare them with standard varieties, and will be happy briefly to report results, when desired to do so.

Every season we have the various items in our catalogue carefully gone over with the view of making our prices as reasonable as possible, and we think our customers will find, bearing in mind the cash discounts we offer, that our rates average as low as those of standard seedsmen of good repute, while we present the advantage of raising a much larger proportion of the seed we offer for sale than dealers in general; but few raise any of the seed they sell, seed raising and seed selling at retail being usually separate employments.

Free Seed.—With average orders for years we have practised dropping in an extra package of some nice variety, very likely a novelty, which we would be pleased to have our customers test and report on.


Testing Seed.—Before sending out, nearly two thousand tests of the vitality of both vegetable and flower seed are made every season, and thousands of dollars' worth thrown away, all of which is more or less good, but not up to the standard for honest seed.

Cabbage Seed for the South.—Our customers in the South will find us always ready to fill their summer orders as early as July. Their special need for fresh seed we shall always bear in mind. Our cabbage seed, raised wholly from the centre shoots, and grown from choice, solid, carefully selected heads, are meeting with great acceptance there.

Advantages of Buying Seed Directly from the Grower.—The "testing" of seed in greenhouses or by various indoor means of which much is written nowadays merely settles the question as to whether or not it will vegetate, but if the seed dealer grows his own seed, he is able to affirm what he himself knows, not only of its vegetating power, but also of its freshness and purity. Our seed-growing facilities now include four farms at Howes' Station, Eastern Division, Boston & Maine Railroad, besides several scattered tracts of land, located in three towns, carried on directly under our own supervision. All roots, bulbs, etc., intended for seed purposes, are selected with the utmost care.


Some choice varieties we import from England, France, and Germany, some of which cannot be raised in this latitude; others we have grown for us by careful men, whom we supply with stock seed of our own raising.

For nearly half a century we have made it our labor and our anxiety to send out none but just such seed as we would be willing to plant ourselves, and the thousands of cheering letters that we open are very pleasant testimony to the success of our undertaking.



The Three Warrants.—All seeds sent out from our establishment are always sold under three warrants; viz., 1st, That our seed shall be what it purports to be; so far as that we hold ourselves ready to refill the order anew, gratis, in other seed, should it prove defective in any respect.  What is there to gain by selling poor seed after having made this warrant? 2d, That all money sent for seeds over one dollar shall reach us if sent by Postoffice Order on Marblehead, Express Money Order, Registered Letter, Draft, or Cashier's Check. Sums of one dollar and under may be sent at our risk. Postal notes being payable to bearer are at the risk of the party sending them. 3d, That the seed ordered shall reach every one of our customers. Thus we warrant everything but the crop, and make the purchase of seed the safest investment possible, instead of being what it has so often proved to be,—very unreliable and vexing.

Payment for Seed.—Cash (as above) must accompany all orders. When it is necessary to enclose postage stamps, be sure not to moisten them in the least; the higher denominations, not above fifteen cents in value, preferred. Money orders, when of the value of one dollar and upwards, may be purchased at our expense, the cost being deducted from the amount remitted. Occasionally a customer remits more or less than sufficient to pay for the seed ordered. In the former case, the balance will be returned to his address; in the latter, the order will be filled out as far as the money goes. When necessary to send specie, wrap it securely in a bit of paper, to prevent it from getting loose and cutting through the envelope. Let us advise our friends, before ordering their seeds sent by express, to figure carefully and see if it would not be much cheaper for them (as is almost invariably the case with small parcels) to have them sent by mail. We would advise our customers not to order their seed C. O. D., particularly when the orders are small, as we have to add the cost of collection and return charges to the cost of the seed to make ourselves whole.


How to Obviate All the Risk, Expense, and Trouble of Sending Money.—We have arranged with the American Express Company to receive orders for anything in our catalogue at any place where that Company has an agency. They will advance us the cost of all goods up to \$5, and collect it of you. For bills of over \$5 an Express Money Order can be sent with order for goods.

 Be careful to write your Address in full, giving your Name, Postoffice, County, and State.

The New Postage Law.—Thanks to the persistent efforts of the seedsmen's association, Congress has reduced the postage on seeds one half; viz., to one cent for two ounces instead of one cent an ounce as formerly. Our customers will find that all this will go directly into their pockets, as the price-list will show. We prepay postage on seed ordered by mail at list rates. If a larger lot than four pounds is wanted, it may be divided into four-pound lots. This law, in effect, brings our seed establishment to every man's door.

 Now and then, though rarely, there happens an instance of a mail package being lost in transit. When writing of any delay in time of package reaching you, always repeat your first order. 

DISCOUNTS TO MARKET GARDENERS AND OTHERS.

 We believe we are the only seedsmen who give a cash discount on orders. When comparing our prices with other dealers, don't forget to deduct the discount.

 We challenge competition (with first-class seedsmen) in pricing large orders. 

Any one sending \$1 may order \$1.25 of packages of vegetable seed. This applies to orders for packages only and not to weights and measures. Mixed orders will be allowed the discounts as given below.

Five per cent discount allowed on all orders for seed (except onion seeds of our own growing, and except where otherwise noted), when amounting to \$5 and upwards, whether the order be for packages, ounces, pounds, or quarts, either separately or combined; eight per cent when the amount ordered is as high as \$10 and under \$25; ten per cent when \$25 and under \$40; and twelve and a half on orders to the amount of \$40 and upwards. For special net rates on Onion seed in quantity, see p. 26; for discounts on Flower seeds, see p. 61. TERMS TO DEALERS, CLUBS, AND LARGE MARKET GARDENERS ON APPLICATION. WE DO NOT CARE TO SEND OUT SEED TO BE SOLD ON COMMISSION.

JAMES J. H. GREGORY & SON,
Marblehead, Mass.

Novelties in Vegetable Seeds for 1894.

COLUMBIAN MAMMOTH WHITE ASPARAGUS.

An entirely new variety of asparagus, which is sure to be in great demand in many localities, because it furnishes *white shoots which stay white as long as fit for use without earthing up or any other artificial blanching*, and it can be depended



on to give eighty to ninety per cent *white plants* from seed. The originator sells his to a canning factory that allows him over twenty per cent more for it than any other kind grown for them. Price per package, 10 cts.

Horticultural Lima Pole Bean.

This is *said* to be a cross between the Dwarf, Horticultural, and Dreer's Lima, but we must frankly say we don't believe such a cross to be possible, and that the samples which were cooked did not show any special Lima flavor. However, it is an excellent bean, let its origin have been what it may. It is early, with a flat, dark green pod, and is of excellent quality; on the whole, a first-class shell bean. Price per quart, postpaid, 75 cts; per package, 10 cts.

GOLDEN CHAMPION POLE BEAN.

We consider this the greatest acquisition of years to the class of wax pole beans. *It is the earliest of all the wax varieties*, has pods as long as the longest, eight inches, and they are of a peculiarly rich, waxy white color, more so than that excellent variety, the Golden Butter. The pods are plump and round, and the foliage exceptionally stout and healthy; pods stringless. Mr. Ferry noted on his trial grounds that this new bean furnished a full picking of fine pods before the Early Golden Wax growing beside it came into flower. "The points of superiority are extreme earliness, great productiveness, and the unusually fine color and quality of the pods." Price per quart, postpaid, 65 cts; per package, 10 cts.

NEW DWARF LIMA BEAN (Jackson's Wonder).

A variety of dwarf Lima, which, like Henderson's, is of the Sieva class, though the beans of the Jackson are larger than those borne by Henderson's variety. They become streaked with pink, when ready for use, producing an effect very pleasing to the eye. A very prolific variety of the dwarf Lima; three quarts have been raised from thirteen beans. The Lima do best on a sandy loam well manured. Price per package, 15 cts.

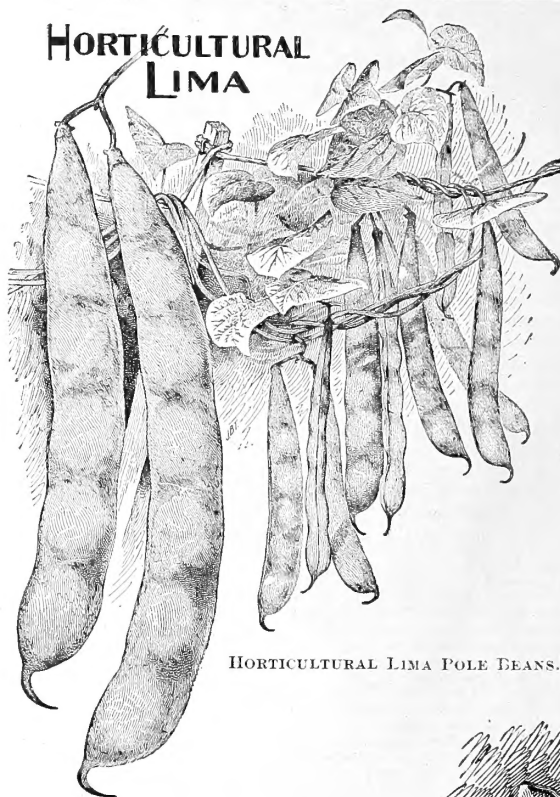
DWARF BLUE PODDED BUTTER BEAN.

This is a strikingly odd novelty in beans, the leaves, stems, and pods being all of a rich dark purple color, and forms, when covered with its pinkish purple flowers, a most showy, blackish purple bush. The pods when cooked are of a rich green color, tender and stringless. Price per package, 15 cts.

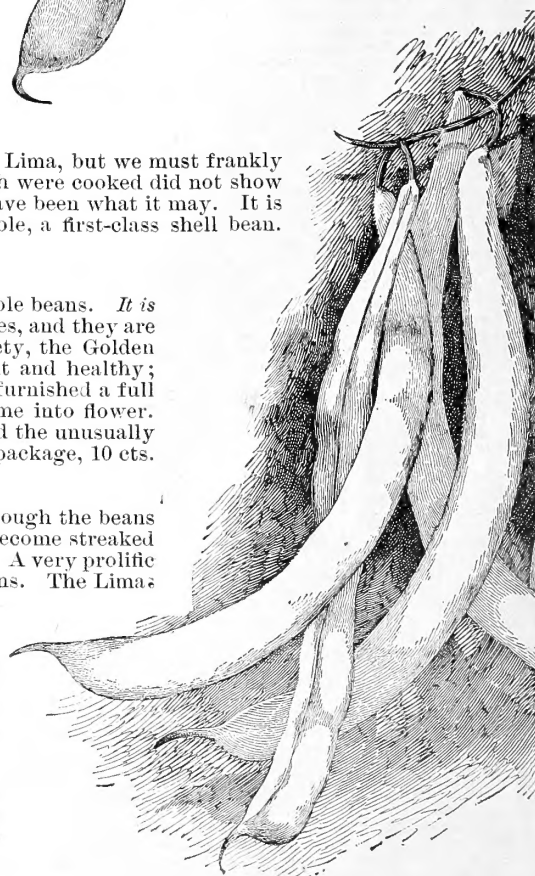
ARLINGTON FAVORITE BEET.

Wherever the market gardeners of Arlington (a suburb of Boston) lead it is pretty safe to follow, in the line of new vegetables. We find this new beet of theirs to be a fine early sort, dark red in color, having a small tuft of leaves for foliage, of good form, fine flavor, and on the whole an excellent variety either for the market gardener or for the home garden. Price per pound, postpaid, 75 cts.; per ounce, 15 cts.; per package, 10 cts.

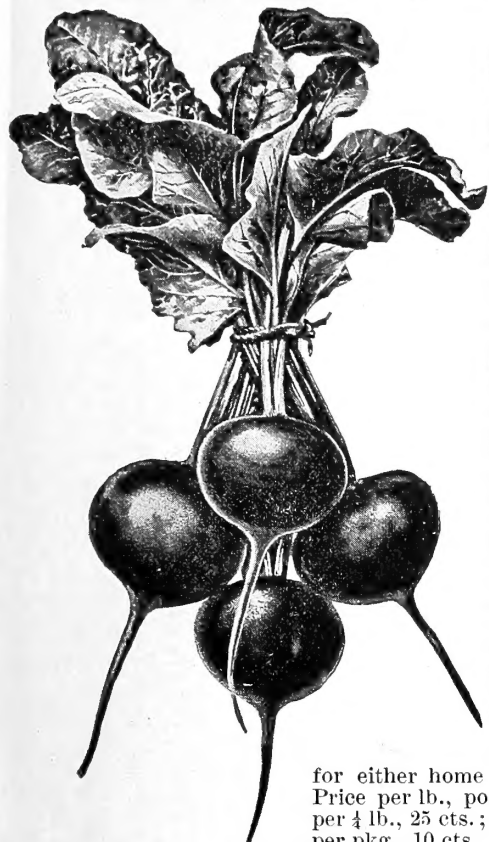
HORTICULTURAL LIMA



HORTICULTURAL LIMA POLE BEANS.



GOLDEN CHAMPION POLE BEANS.

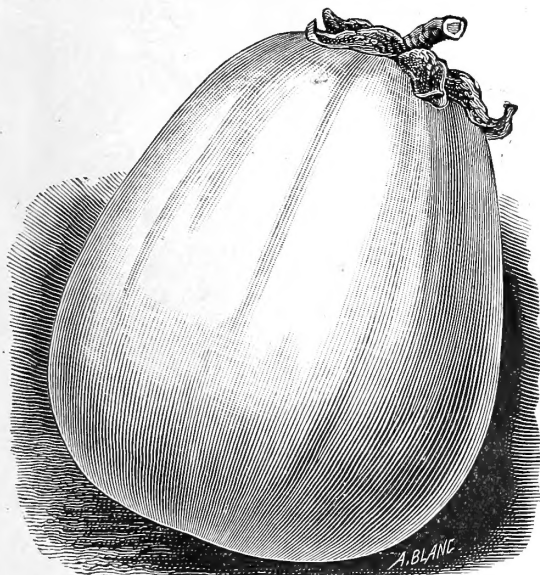
DETROIT DARK RED BEET.

This beet has given great satisfaction to those market gardeners who have grown it. We find it to be as early as Crosby's Egyptian, with flesh as dark as the Edmonds, with a more intense red. Tops small, upright-growing, so that the rows may be nearer together, leaf stems and veins dark red, blade green; roots globular or ovoid; color of skin dark blood red, flesh bright red, zoned with a lighter shade, very crisp, tender, and sweet, and remaining so for a long time. An early beet of the finest quality

for either home or market use. Price per lb., postpaid, 75 cts.; per 4 lb., 25 cts.; per oz., 15 cts.; per pkg., 10 cts.

PEARL WHITE EGG PLANT.

A delicious vegetable, and one of the handsomest and best novelties ever sold. Originated in Georgia, and offered for the first time the past spring by a reliable seed house there.

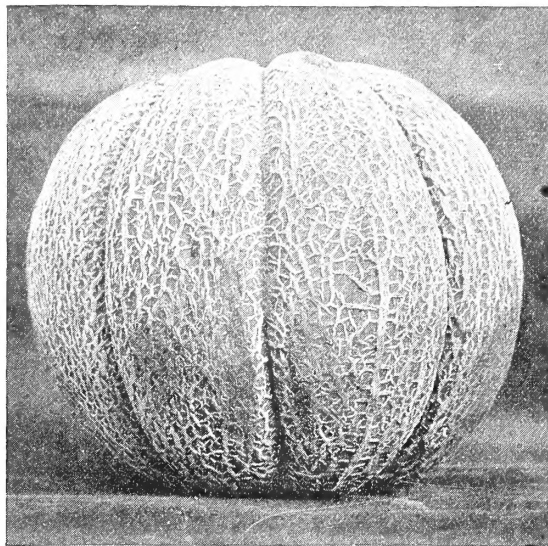


"Those who planted it were particularly well pleased. The plant is a large, vigorous grower, and comparatively free from thorns. The fruit is pure, creamy white, with slight shading of a very light green near the stem; beautiful in shape, resembling somewhat the purple variety, as large and larger in size and more

prolific. In eating quality it is superior, being more delicate, of very fine grain, and well flavored. It makes one of the most palatable dishes, either baked or fried. There is not a garden in the land which would not be improved by this vegetable being represented in its collection." Price per packet, 15 cents.

SIX OAKS CANTALOUPE.

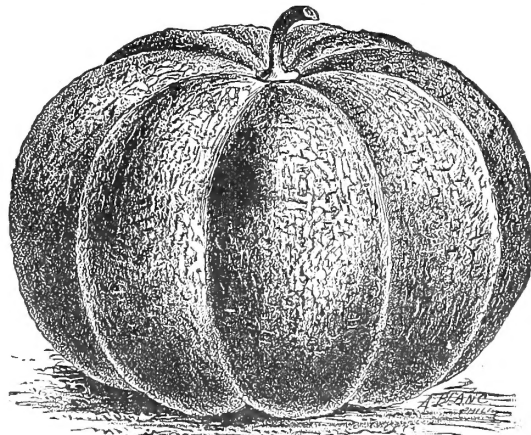
This is the best of all the varieties of new cantaloupes we have tested the past season. It is not only of the largest size, but the fruits are heavy for their size. We found the specimen from which our engraving was made to be simply delicious.



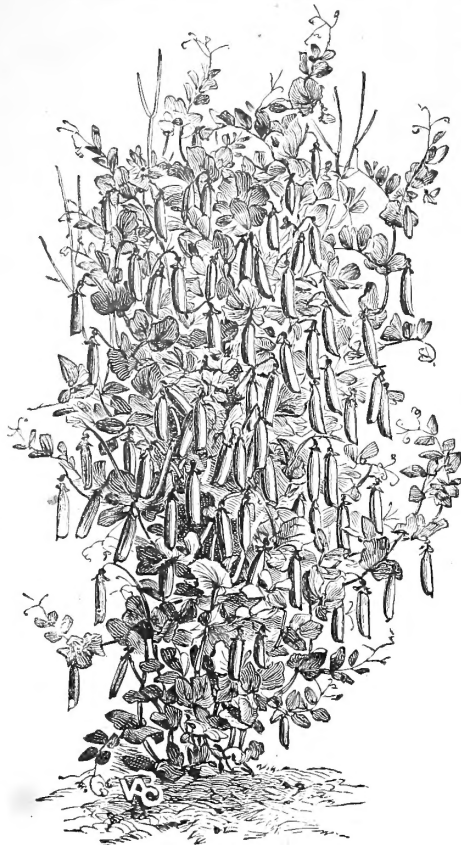
It is green-fleshed, deeply ribbed, well netted, and nearly round in shape. A fine variety to raise either for market or for the family garden. Price per 4 pound, postpaid, 50 cts.; per ounce, 25 cts.; per package, 15 cts.

SHUMWAY'S GIANT MUSKMELON (Cantaloupe).

Of the fifteen varieties of cantaloupes grown on our trial grounds the past season, nearly all of them new sorts, this was the largest of all. It has been raised to weigh over twenty pounds. The color of the skin is a yellowish green; the shape is nearly round, slightly flattened. The flesh is a light



salmon in color. Quite thick-meated, it suggests in quality a cross between a muskmelon and a cantaloupe. It ripens clear to the skin. This large, showy melon, of excellent quality for so large a variety, would be likely to take well in any market. The variety is prolific and remarkably pure. Price per 4 lb., postpaid, 40c.; per oz., 20c.; per pkg., 10c.



THE SUNOL PEA.

THE SUNOL PEA.

Mr. J. H. Allan, who has originated more varieties of new peas than any seed grower on this side of the Atlantic Ocean, sends this newcomer out as his latest improvement in the early market garden sorts. He claims that it is the earliest of all to mature, and is decidedly the most profitable to raise of all the early varieties. Price per bush., per express, \$6.00; per pk., \$1.75; per qt., postpaid, 50 cts.; per package, 10 cts.

THE PARAGON PEA.

This is a first-class late pea. Vines three feet in height; pods above the average in size and *well filled*, being in this respect decidedly superior to Hair's Mammoth, and other late sorts. C. E. Allen, the well-known horticulturist of Floral Park, N. Y., writes: "The Paragon yielded three times as many pods as the Champion of England, with peas of larger size and much better quality." Price per quart, postpaid, 60c; per package, 10c.

THE HEROINE PEA.

Our English cousins have sent us another fine pea under the above name. It is one of the large podded, large pea class, with the great advantage over most of them in the fact that its type is fixed and it has not the sporting proclivities of some well-known sorts that would otherwise be very desirable. It is medium early, green, wrinkled, growing about 2½ feet

high. The pods are of large size, long and pointed, containing from six to nine large peas. Quality the very best. Mr. Charles E. Pecker, one of our best market gardeners, writes: "I find the type of the Heroine pea to be thoroughly fixed. It is a fine pea for the most critical market gardener." Price per quart, postpaid, 65 cts.; per package, 10 cts.

THE FREEMAN POTATO.

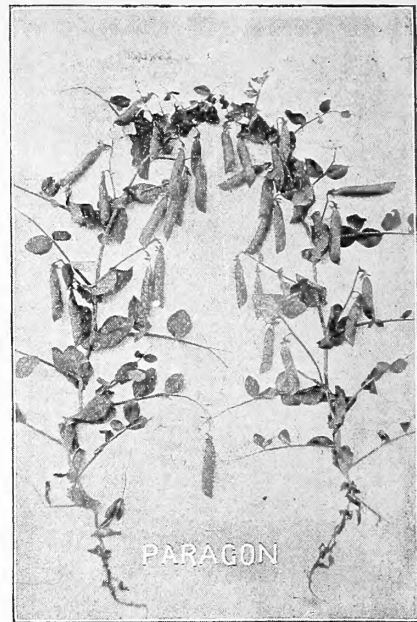
The reports of the results of a trial of this new potato vary. Though not the earliest, we find it ranks in the very early class; that it is a good cropper, and the potatoes of fair market size. Some experimenters complain of the small size of the tubers; a little higher manuring, we believe, would obviate this. The tubers are very handsome, with eyes near the surface, and the quality excellent. Price per barrel, per express or railroad, \$6.00; per bushel, \$3.00; per peck, \$1.00; 3 pounds per mail, \$1.00; 1 pound per mail, 40 cents.

For Flower Seeds in Collections see Page 61.

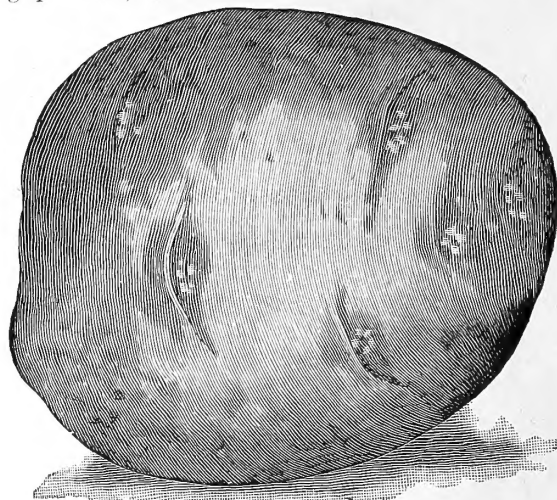
Early Norther Potato.

A seedling raised from a seed ball of the Early Rose. In shape, color, and season of ripening it very closely resembles the Early Rose, but in yield is more prolific. It is likely to become as popular as the New Queen. Market gardeners writing to the originator (from whom we obtained our seed stock) speak very highly of it.

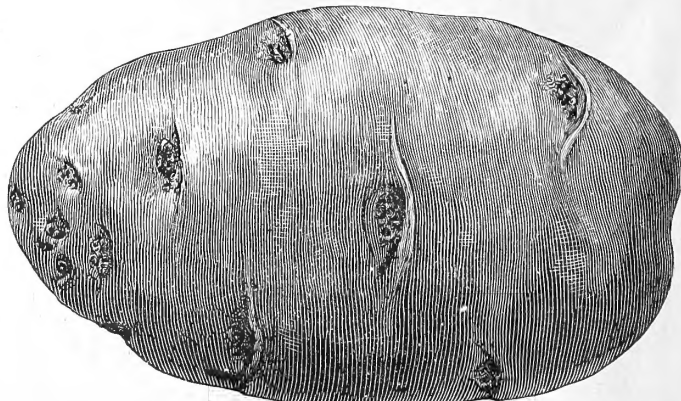
N. G. Kilborn, Douglas County, Minn., writes: "This has been a very poor season for potatoes, but nevertheless from the one barrel Early Norther, bought from you last spring, I harvested one hundred and forty-seven bushels. From the five barrels New Queen I got five hundred and ten bushels."



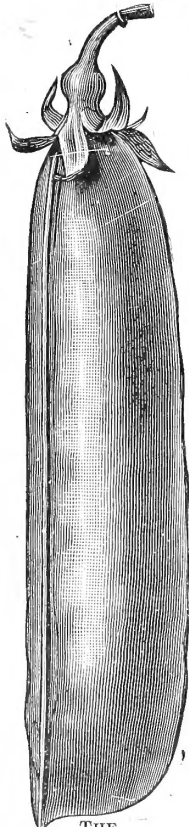
PARAGON



THE FREEMAN POTATO.



EARLY NORTHER POTATO.

THE
HEROINE PEA.

J. H. Reed, Hamden County, Mass., writes: "I am more than pleased with the Early Norther. From the one bushel purchased from you last spring I have eighty-five bushels of large, nice potatoes."

Andrew D. Smith, Litchfield County, Conn., writes: "My Early Northers are the finest lot of potatoes I ever raised. They yielded over four hundred bushels to the acre, run very large size, and are very early. There was scarcely any sign of rot among them."

Price per barrel, per express or railroad, \$6.00; per bushel, \$3.00; per peck, \$1.00; three lbs. per mail, \$1.00; one lb. per mail, 40 cts.

ALEXANDER'S PROLIFIC POTATO.

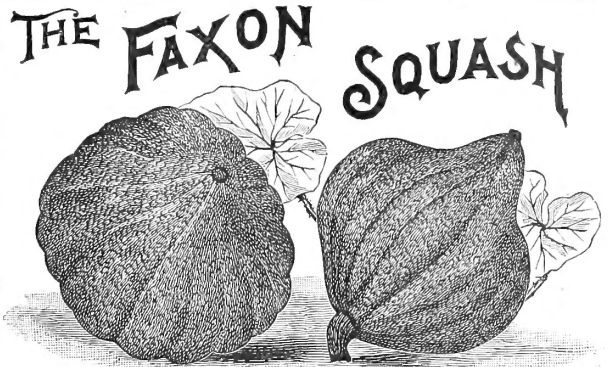
A splendid cropper; medium late; vines unusually healthy and vigorous; potatoes of large size, and excellent for quality; eyes near the surface. A white-skinned, white-fleshed variety. Per barrel, per express or railroad, \$5.00; per bushel, \$2.50; per peck, 90 cts.; three pounds, postpaid, 85 cts.; one pound, postpaid, 35 cts.



borne out we have resolved to catalogue it. It is a late variety, in shape half-way between the flat-round and spherical, thick meated, and decidedly the most regular of all the extra large class. Price per ounce, 30 cts.; per package, 10 cts.

GOLDEN WONDER MILLET.

This is probably the earliest of all the large millets; it attains a height of 3½-4 feet, bearing large, drooping heads; an excellent variety for either fodder or seed. The seed make excellent food for poultry, and they will ripen in high latitudes where corn will not mature. The large, juicy leaves and stalks make excellent green feed for milch cows and other stock. Price per peck of 12½ lbs., per express, \$1.50; per pound, postpaid, 30 cts.; per package, 10 cts.



COPYRIGHT, 1893, BY M.B. FAXON CO.

THE FAXON SQUASH.

We have rarely been so agreeably disappointed in any new vegetable as we have been with this new squash. After examining it on our trial grounds we told Mr. Reynolds, our head clerk, that it was terribly mixed and utterly worthless. At the personal solicitation of Mr. Faxon we were induced to cook several specimens, and then followed a revelation. Though varying in color, in *quality* they were all one,—fine grained, dry, sweet, excellent. It is certainly the best squash that has been sent into the market since the Sibley was introduced, and has the advantage over that in earliness. The strong and fixed characteristics of this squash are earliness, long keeping, uniformity of shape, variety of colors, and the excelling in richness, sweetness, and flavor. It is very productive, of medium size (five or six pounds), and is, no doubt, destined to become a standard among squashes, both for home use and for general marketing. Even when not fully ripe it is of excellent quality as a summer squash. It is a good keeper, and has the exceptional recommendation of being a table delicacy during *three seasons*,—summer, fall, and winter. Mr. Joseph Stone states that for sweetness and dryness the Faxon squash cannot be excelled if equalled, and says he knows what he is talking about. Price per one fourth pound, \$1.25; per ounce, 40 cts.; per package, 15 cts.

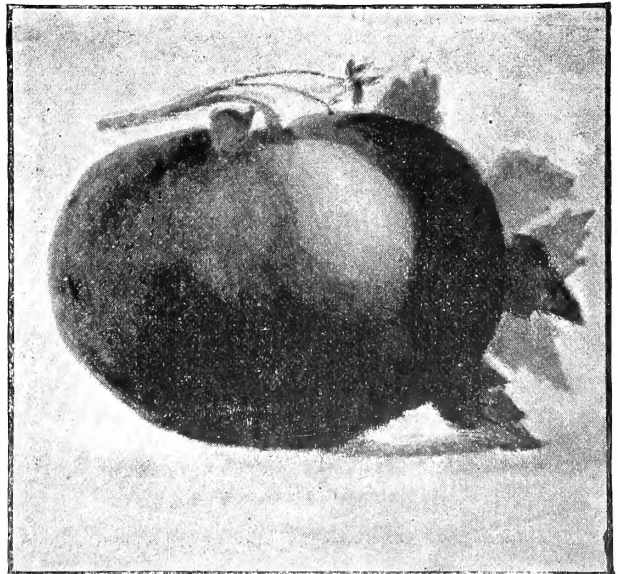
LIVINGSTON'S ARISTOCRAT TOMATO.

This new bush tomato is the Dwarf Champion over again, except in color, the fruits being a bright glossy red instead of purple. Its dwarf habit makes it an excellent variety for forcing, while in the open ground it can be planted as near as three by three. These dwarf varieties pay roundly for extra heavy manuring; some of our best market gardeners for a general crop raise no other kind. Price per package, 15 cts.

NEW BUCKEYE STATE TOMATO.

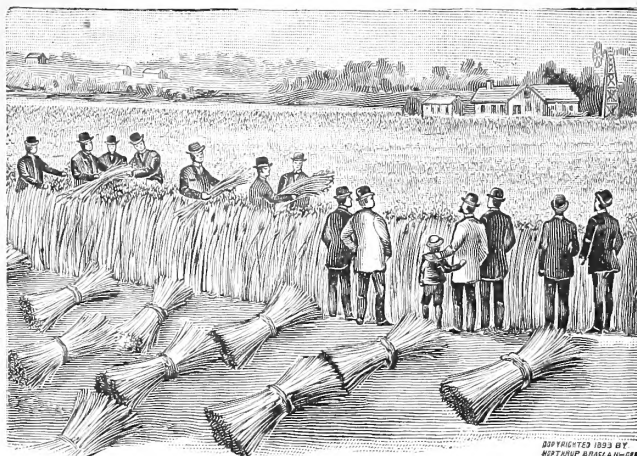
Mr. Livingston, so famed for the many excellent tomatoes he has from time to time introduced, says of the Buckeye: "It is the largest fruited variety we have ever put out. In addition to its extra large size, it is also smooth and uniform, and, though so large, is the heaviest cropper we have ever grown."

It yields immense clusters of from four to ten fruits. In solidity and meatiness it is unexcelled, while in luscious quality none surpass it." We raised the Buckeye on our trial grounds last season, and found Mr. Livingston's claims so well



BUCKEYE STATE TOMATO.

THE LINCOLN OAT.



A Western firm who have had a large experience in oat raising pronounce the Lincoln oat "the best oat now before the American people."

"First, because of its great productiveness, four farmers having raised from 120 to 174 bushels from a single bushel of seed;

"Second, because it is very early;

"Third, because it appears to be nearly rust-proof;

"Fourth, because it stands up better than most kinds;

"Fifth, because its thin hull, soft nib, and heavy meat make it an excellent feeding oat;

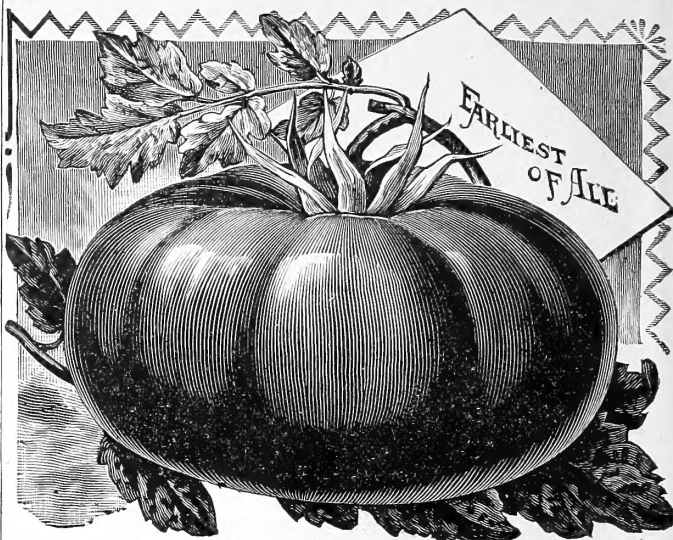
"Sixth, it makes an excellent oatmeal."

I have before me recommendations from twenty-one farmers located in fourteen States, each of which substantiates one or all of the above claims. There can be no doubt but that the Lincoln oat is an acquisition, and will pay roundly to raise now before it retrogrades as new oats usually do after a few years. Price, per bushel, per express or freight, \$1.50; per peck, 60c.; 3 lbs., per mail, 75c.; 1 lb., 30c.; pkg., 10c.



Mammoth Carmine Podded Horticultural Pole Bean.

Every market-man is eager after the largest podded, the most productive, and the richest Carmine Colored Horticultural Pole Bean. *Here he will find decidedly the best and most attractive that has ever been catalogued.* One of our clerks, who visited a large plantation of this new bean in 1893, tells me it was the handsomest sight in beans he ever saw. The thousands of poles were literally covered from top to bottom with its large extra, carmine colored pods; "painting the landscape red" with their mass of most brilliant coloring. Not only are the pods so much richer in color, but both pods and beans are larger than those of the common kind. *Market gardeners will grow no other variety of the Horticultural after having once made trial of this.* Price, per pkg., 15c.



VAUGHAN'S EARLIEST OF ALL TOMATO.

There are three varieties in the market bearing this name. The one we offer to our patrons is the earliest of the three. Thomas H. Brinton, of Chad's Ford, Pa., writes us that this variety set fruit a week earlier, and had ripe tomatoes before the fruits of either of the other two named "First-of-all" had any appearance of ripening. He found it "the earliest of ninety varieties." It is of medium size, flattish-round in shape, being fairly smooth, and very productive. It closely resembles a variety we catalogued twenty years ago under the name of "Early York." We recommend it for earliness, not as a standard sort. Price, per ounce, 40 cts.; per package, 10 cts.

Japan Dark Green Cucumber.

We have received, from an honored professor of the Agricultural College in Japan, seed of a fine new cucumber which is *decidedly an acquisition.* It is long, finely shaped, of a peculiarly rich, dark green color; medium late, very productive. The vines display a remarkable vigor, *holding green, and bearing after other kinds have given out, even up to the appearance of frost.* It makes fine, dark pickles. The runners differ from those of other kinds of cucumbers, in keeping their extremities, like squash vines, raised from the ground; the presence of a few stakes or a trellis would doubtless set them climbing. Price per package, 15 cents.

LEARNED'S BLACK SEEDED TENNIS BALL LETTUCE.

This is a variety of the black-seeded tennis ball that differs from others in the fact that it has been specially bred by years of selection and cultivation for culture under glass. It is over twice as large as the white variety. It has thus far been grown almost exclusively by the critical market gardeners in the vicinity of Boston. It is especially well worth the attention of all our many market-garden customers. It is claimed that not one plant in a hundred will fail to make a solid head. *Excellent both for forcing and outdoor cultivation.* Price, per oz., 50c.; per package, 10c.



DISCOUNTS TO MARKET GARDENERS AND OTHERS.

We believe we are the only seedsmen who give a cash discount on orders. When comparing our prices with other dealers don't forget to deduct this discount from our prices.

Novelties in Flower Seeds for 1894

In our General List of Flower Seeds, pages 51 to 61,
will be found the desirable novelties
of recent introduction.



GERARDIA TENUIFOLIA.

CHRYSANTHEMUM. (A.)

Double Fringed Mixed.

Flowers very double with finely fringed petals, in all shades from white and yellow to dark red. Price, per pkg., 10 cts.

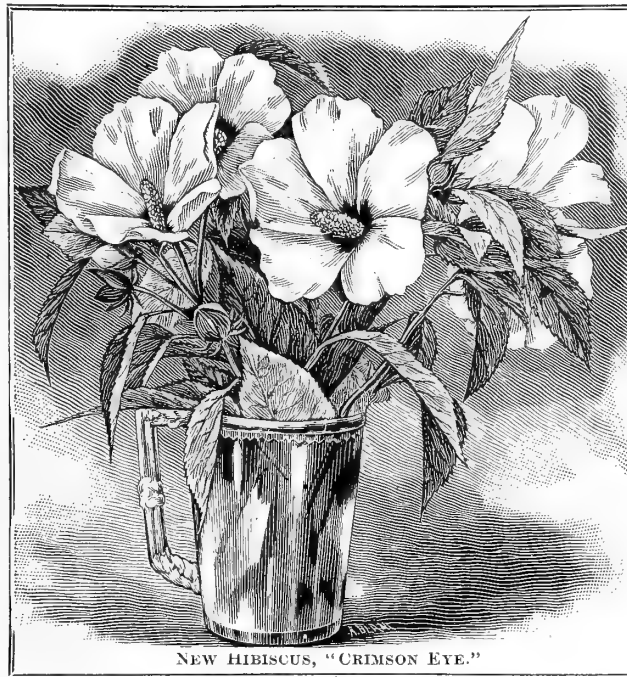
Forget-me-not, "Jewell." (P.)

Color a brilliant sky-blue. The growth of the plant is compact and dense, throwing up 40 to 50 flower stems, each carrying a close head of numerous long flowering little blossoms. There is no Forget-me-not in existence which produces on a long flower stem such a perfectly formed sky-blue head as the "Jewell." Price, per pkg., 20 cts.

Gerardia Tenuifolia. (P.)

(SEE CUT.)

Beautiful half-hardy perennial, allied to the tribe of Pentstemon. It forms regularly branched, erect bushes, about one foot in height. Flowers one and a half inches long, one inch in breadth, of light violet with lilac throat. If sown early in spring, seedlings will begin to bloom in July or August. Fine for pot or outdoor culture. Price, per package, 15 cts.



NEW HIBISCUS, "CRIMSON EYE."

NEW HIBISCUS.

"Crimson Eye." (P.) (See cut.)

This elegant strain of Hibiscus is a robust grower with dark-red stems and foliage. The flowers are immense in size, often measuring twenty inches in circumference. Color of the purest white, with a large spot of deep velvety crimson in the centre of each flower. A well-developed plant will produce several hundred of these flowers in a season. It will succeed anywhere and is perfectly hardy. Will bloom the first year from seed sown in the open ground. Price, per pkg., 15 cts. (For plants, see page 64)

PERENNIAL LARKSPUR.

"Wedding Bells."

A strain of Delphinium of great merit, including the most brilliant variety of colors, azure purple, violet, blue and lavender. The fine centre of the blossoms, combined with the metallic lustre of the petals, is striking and effective. Price, per pkg., 15 cts.

SWEET PEAS.

Bronze King. (A.)

A beautiful new variety. Body distinct coppery bronze, wings pure white. Price, per pkg., 15 cts.

ASTER VICTORIA. Bordeaux-Red. (A.)

Color a peculiar brownish red, a valuable addition to this favorite class of asters. Price, per pkg., 15 cts.

ASTER, Betteridge's Quilled, Sulphur Yellow. (A.)

Remarkably handsome variety of this free-blooming class. The flower, being globular, quilled, and very double, shows the most clearly pronounced yellow ever known among Asters. Price per package, 15 cents.

French Marigold. Legion of Honor. (A.)

Plants dwarf and very compact, with fine dark green foliage. Large single orange-yellow flower with deep maroon blotch at base of each petal. Price, per pkg., 10 cts.

PETUNIA. New Double "Aurora." (A.) (See cut.)

Flowers of medium size, of a charming, delicate rose color, the attractions of which are much enhanced by the deep crimson-purple veining, with which each petal is intersected. Price per pkg., 30 cts.



DOUBLE PETUNIA, "AURORA."

WHITE SWEET PEA.

EMILY HENDERSON. (See cut.)

The introducer describes this new Sweet Pea as follows:—

Flowers extra large, very fragrant, *absolutely pure white*, as clear as alabaster and glistening as satin. Rarely less than three flowers are borne on a stem and nearly as often four, and frequently stems are found bearing five, six, and even seven flowers. The stems are stiff and long, giving this variety an added value for cutting.

In earliness and long-continued bloom it outrivals all competitors (flowering nearly two weeks earlier than other varieties), and continues a veritable "cut and come again" to the end of autumn. Plants robust, compact and branching. Price, per oz., 50 cts., per pkg., 15 cts. In the original sealed packets of the introducer.

For choice Flower
Seeds in Collections
at reduced rates
see page 61.

PANSY. Eckford's Prize. (B.)

A superb cross-fertilized mixture of superior excellence. The colors are brilliant and novel, dark violet, gold, blue and white in eccentric variation of shades and marking, some striped, blotched, or flushed with red and bronze. Also recommended for size and beauty of form. Price, per pkg., 15 cts.

RICINUS ZANZIBARIENSIS. (A.) (See cut.)

An entirely new and distinct class of Castor Oil Beans. The plants attain great dimensions, presenting a splendid aspect, with their gigantic leaves far surpassing in size and beauty all the species and varieties hitherto known.

We offer, in mixture, four varieties, as follows:—

Light-green leaves with whitish ribs.

Coppery bronze changing to dark green, with reddish ribs.

Brownish purple changing into dark green with lighter ribs.

Bronze passing into dark green with reddish ribs.

Price, per pkg., 20 cts.

SNAPDRAGON (*Anterrhinum*). (A.)

QUEEN OF THE NORTH.

A snow-white, large flowering variety of unrivalled beauty. The plant grows from one foot to eighteen inches in height, bearing an abundance of flowers, and will be found to be a real gem as a bedding plant. Price per package, 10 cts.



RICINUS ZANZIBARIENSIS.

Cold Frame and Hot-Bed.

Early tomato plants in a small way may be raised in flower pots or boxes in a warm kitchen window; so also may-egg plants and peppers. When raising them in the house, the pot or box containing the seed should be placed quite near the stove for a few days, and the soil be kept well moistened until the plants begin to break ground, when they may be removed to a warm window. It is best, if practicable, to have but one plant in each pot, that they may grow short and stocky. If the seed are not planted earlier than the 1st of April for out-of-door cultivation, a cold frame will answer. Select the locality for the cold frame in the fall, choosing a warm location on a southern slope, protected by a fence or building on the north and northwest. Set posts in the ground, nail two boards to these parallel to each other, one about a foot in height and the other towards the south about four inches narrower; this will give the sashes resting on them the right slope to shed the rain and receive as much heat as possible from the sun. Have these boards at a distance apart equal to the length of the sash, which may be any common window sash for a small bed, or the length of a usual gardener's sash. If common window sash is used, cut channels in the cross bars to let the water run off. Dig the ground thoroughly (it is best to cover it in the fall with litter to keep the frost out), and rake out all stones or clods; then slide in the sash and let it remain closed three or four days, that the soil may be warmed by the sun's rays. The two end boards should rise as high as the sash to prevent the heat escaping, and the bottom board of a small frame should have a strip nailed inside to rest the sash on. Next rake thoroughly in guano or phosphate or finely pulverized hen manure, and plant in rows three to six inches apart, depending on whether the plants are to be allowed to remain or are to be transplanted; if the latter, then three inches will be sufficient distance. Thin out the tomato plants when quite small, but allow peppers to remain rather thick at first by reason of danger from depredations of the cutworm. As the season advances, raise the sashes an inch or two in the middle of the day and water freely at evening with water that is nearly of the temperature of the earth in the frame. As the heat of the season increases whitewash the glass, and keep them more and more open until, at

about the close of May, just before the more tender varieties are set in open ground, allow the glass to remain entirely off both day and night, unless there should be a cold rain. This will harden them so that they will not be apt to be injured by the cabbage beetle, as well as chilled and put back by the change. If the tomato plants have been well hardened, the stalks will be of a red color. Should the plants be getting too large before the season for transplanting, they should be checked by drawing a sharp knife within a couple of inches of the stalk. If it is desirable to dwarf the tomatoes and thus force them into a compact growth, transplant into another cold frame, allowing each plant double the distance it before occupied.

The structure and management of a hot-bed is much the same as that of a cold frame, with the exception that being started earlier the requisite temperature has to be kept up by artificial means, fermenting manure being relied upon for the purpose, and the loss of this heat has to be checked more carefully by straw matting, and in the far North by shutters also. The front and back are also made higher than in a cold frame.

Horse manure with plenty of litter and about quarter its bulk in leaves, if attainable, all having been well mixed together, is thrown into a pile, and left for a few days until steam escapes, when the mass is again thrown over and left for two or three days more, after which it is thrown in the pit (or it may be placed directly on the surface) from eighteen inches to two feet in depth, when it is beaten down with a fork and trodden well together. The sashes are now put on and kept there until heat is developed. The first intense heat must be allowed to pass off, which will be in about three days after the high temperature is reached. Now throw on six inches of fine soil, in which mix a very liberal supply of well-rotted manure free from all straw, or rake in thoroughly superphosphate or guano, at the rate of 2,000 pounds to the acre and plant the seed as in cold frame. Keep day temperature 70 to 80 degrees, and don't allow it to fall below 55 degrees at night. If the temperature exceed 75 degrees, the plants are liable to grow spindling and weak. Do not move the sashes to give air immediately after removing the mats in the morning, lest the young plants damp off.

VEGETABLE NOVELTIES OF PREVIOUS YEARS.

FOR FULL PRICES SEE PAGES 38-50, INCLUSIVE.

ASPARAGUS.

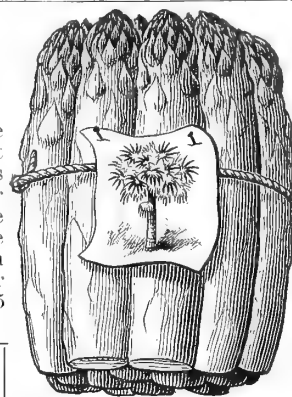
PALMETTO ASPARAGUS.

"Until we found this new Palmetto asparagus," writes a prominent seedsman, "Conover's Colossal had always been the leading sort, and justly so; but when we state that the Palmetto is not only much *earlier*, but it is also a *better yielder*, and it is more *even* and *regular* in its growth, it will be seen, we think, that it must eventually supplant the old favorite." Price, per lb., postpaid, 98 cts.; per $\frac{1}{4}$ lb., 30 cts.; per oz., 15 cts.; per pkg., 5 cts.

Come to Howes' Station in October or November and inspect our seed stocks.

MOORE'S CROSS-BRED ASPARAGUS.

For twenty years Mr. Moore took first prize on asparagus at the shows of the Massachusetts Horticultural, which proves either that Mr. Moore used extra manure and extra cultivation, or that he had what he claimed, an extra variety of asparagus. Price, per lb., postpaid, 98 cts.; per pkg., 5 cts.



PALMETTO ASPARAGUS.

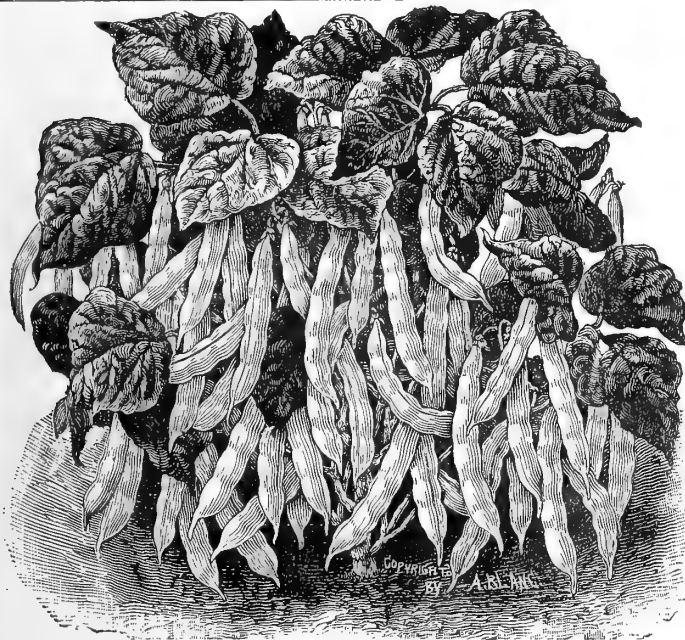
BEANS.

WARREN BUSH BEAN.

\$25.00 REWARD.

After having carefully tested the Warren side by side with scores of varieties, we unhesitatingly pronounce it to be the *best of all bush beans*, for table use, and so confident are we in our position, we hereby offer a reward of \$25.00, payable to any one who will send us a variety that shall surpass it. The Warren is a good cropper, and has a large, pulpy, stringless pod. When cooked, it has the rich quality that heretofore has been believed to be confined to the best of the pole beans. If any of our customers, after testing it on their tables, think we have overestimated its merits, on being so notified we shall be ready to refund their purchase money. Per bush., per express, \$10.00; per peck, per express, \$3.00; per qt., express, 40 cts.; per qt., postpaid, 55 cts.; package, 10 cts.

Have faith and plant seeds if the times are hard. No seeds planted—No harvest gathered.



WARREN BUSH BEAN.

BURPEE'S BUSH LIMA BEAN.

It is a true bush form of the luscious large Lima Bean, and must not be confounded with *Henderson's Bush Lima*, which is the small Carolina (Sieva or Sewee) Bean, nor with the *Dreer's Bush Lima*, which is a dwarf type of the chubby Potato Lima.

Burpee's Bush Lima comes absolutely true from seed. The bushes grow eighteen to twenty inches high, of stout growth and always erect, yet *branching so vigorously* that each plant develops into a magnificent circular bush, from two feet to three feet in diameter. The bush character is thoroughly established, not one plant in a thousand showing any disposition to "run."

In the latitudes where it succeeds it is a *great yielder* of handsome large pods, well filled with very large beans, which are *identical in size and luscious flavor* to the well-known large pole Limas.

The Dreer's Bush Lima is an earlier variety, and will therefore mature farther north.

Price, per peck, by express, \$4.00; per qt., postpaid, 90 cts.; per pkg., 10 cts.

The best bearing pea that we have ever grown is the Marblehead Early Marrowfat.



BURPEE'S BUSH LIMA. (NEW).

SNOWFLAKE FIELD.

The cut was engraved from a photograph of a vine raised on our farms. A more descriptive name would be Improved Pea Bean, for that is just what it is, — a decided improvement on the common standard pea beans in earliness, having dry beans eighty days from the time of planting. It is an upright grower and a great bearer. The pods are packed thick, in clusters, and ripen in August, all ripening at once. The leaves falling earlier than with some varieties, opens the pods to the sun. Enormously productive, one hundred and twenty well-filled pods having been counted on a single vine.

Mr. S. H. Seamans of Milwaukee, who made a careful comparative test of the yield of the Snowflake, White Wonder, and Burlingame beans, writes us that he found that in this respect Snowflake surpassed the others. He counted one hundred and twenty completely filled pods on a single vine. A correspondent of the New York World prefers them, as a green snap bean, to either the Refugee or Mohawk. Price, per peck, per express, \$1.50; per quart, postpaid, 50 cents; per package, 10 cents.

EARLY CARMINE-PODDED DWARF HORTICULTURAL.

There is no bean raised that is earlier than this. While just as early as our Marblehead Dwarf Horticultural, it surpasses it in the richer red color of its pods, which makes it decidedly more desirable as a market bean. While the common Bush Horticultural is a late bush bean, the Marblehead and the Carmine stand in the front rank of the earliest sort. Price, per quart, postpaid, 50 cents; per package, 10 cents.

RHODE ISLAND WHITE BUSH.

This is the earliest snap bean raised by the marketmen around Portsmouth for the New York market, to the exclusion of all others. Very early, very productive, first-class as a snap bean. Price, per qt., postpaid, 50 cts.; per pkg., 10 cts.

CHALLENGE DWARF BLACK WAX.

One of the earliest wax beans in cultivation. As vigorous and prolific as Prolific German Wax, Black Seeded; pods as large and of as good color, ripening remarkably uniformly and well together. Price, per qt., postpaid, 50 cts.; per pkg., 10 cts.

EXTRA EARLY DWARF REFUGEE WAX.

This is a perfect Refugee, with long, round, yellow wax pods. An immense yielder. We find that they are not inclined to rust. Price, per qt., postpaid, 45 cts.; per pkg., 10 cts.

DWARF SPECKLED WAX.

Probably the best late yellow podded bean, not only for market but for private gardens. Its long, cylindrical, waxy yellow pods are tender, of the best quality, when in condition, to use for snaps, while as a green shelled bean the variety has no superior. Price, per peck, per express, \$1.75; per quart, postpaid, 45 cents; per package, 10 cents.

BOSTON SMALL PEA BEAN.

This is the bean which sells in Boston market at from twenty-five to forty cents a bushel above the ordinary varieties of pea beans and mediums. It is early, very hardy, and very prolific, and yields from forty to sixty fold, and, in some instances, a hundred, with ordinary field culture. One hundred and twenty-three pods have been picked from one plant. The ripened seed is small, round, and handsome. Price, per peck, express or freight, \$1.50; per qt., postpaid, 40 cts.; per pkg., 10 cts.



SNOWFLAKE FIELD BEAN.

CYLINDER IVORY POD DWARF WAX.

The following strong points are claimed for this new bean: Perfect freedom from rust and blight; great earliness; that its pods take on the wax color soon after they are formed; that its pods are perfectly round, entirely stringless; that it is remarkably productive. Price, per quart, postpaid, 55 cents; per package, 10 cents.

IMPROVED ROUND YELLOW SIX WEEKS DWARF.

This bean ought to have been called "Improved Dwarf Cranberry," for it is a bean decidedly better than Six Weeks in that, while that variety becomes stringy early in its growth, this new bean is just about destitute of stringiness in its early stages. It is an excellent cropper, and of richer flavor than the wax beans. The beans are the color of Six Weeks, not so oblong. Our friends will find this an excellent sort, either as string, green-shelled, or dry-shelled. Price, per peck, per express at purchaser's expense, \$1.25; per quart, postpaid, 40 cents; per package, 10 cents.

Marblehead Early Horticultural.

What would our customers say to a variety of Dwarf Horticultural that, with all the fine traits of that excellent variety, large beans, and large, rich-colored pods, excellent either for shelling or stringing, there could be added the capital trait of being in the very front rank for earliness? The Marblehead Early Horticultural is, we think, one of the earliest beans grown. Price, per qt., postpaid, 50 cts.; per pkg., 10 cts.

HENDERSON'S NEW BUSH LIMA.

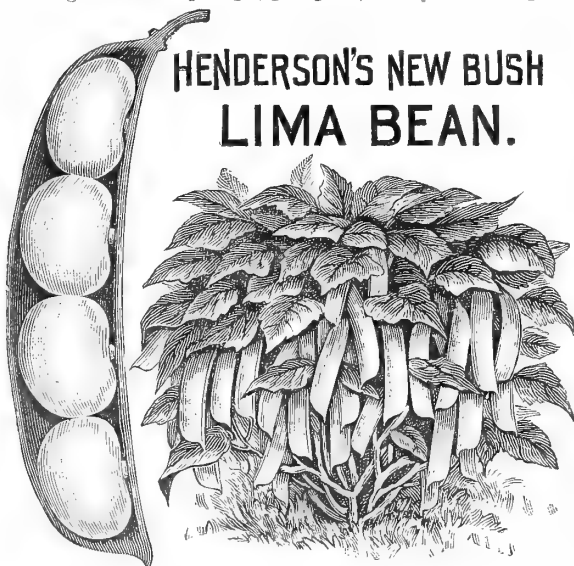
This grows from fifteen to eighteen inches high, in a compact bush form, and produces heavy crops, which can be gathered as easily as the common bush bean. It has, also, the excellent trait of maturing its crop at least two weeks earlier than the common Lima. We find this to be the Small Lima, or Sieva. It is a thorough dwarf. To get full satisfaction from this bean it is necessary to grow it on a light soil inclining to sand. Price, per quart, postpaid, 50 cents; per package, 10 cents.

DREER'S BUSH LIMA.

This is a much larger bean and of decidedly better quality than the Henderson Bush Lima. It is not quite as large as Burpee's Bush Lima, but the beans are thicker, sweeter, grow closer together in the pods, are more tender and succulent, and, what is of great importance, it is a decidedly earlier variety, and the pod remains longer green after maturing. For some reason, unknown to us, it is sometimes called the "Potato" Lima. On our grounds it grows about two feet high, is of vigorous branching habit, matures early and yields well. Plant in rows two and one half feet apart, and have the plants a foot apart in the rows. For private gardens, and wherever the use of poles is undesirable, it will be a great acquisition. Price, per qt., postpaid, 85 cts.; per pkg., 10 cts.

LOW'S CHAMPION BUSH.

This new bush bean is well adapted to the table, garden, and market. Being entirely stringless, it is extremely tender. The pods are large, containing from five to eight beans each. Price, per quart, postpaid, 40 cents; per package, 10 cents.



KING OF THE GARDEN LIMA POLE.

The King of the Garden is a vigorous grower, requiring but two vines to each pole. When not too closely planted they set their beans early, at the bottom of the pole, producing a continuous bloom and fruitage to the extreme end of the season.

The vines grow luxuriantly and furnish a bountiful supply of enormous pods, many specimens measuring from five to eight inches, and producing five and six beans to the pod, all perfectly formed, and possessing superb edible qualities unexcelled by any that have come to our notice during a practical experience in bean culture covering a period of twenty years.


The King of the Garden Lima bean is a variety of unexcelled merit, fully warranting all the praise it has received. Price, per quart, postpaid, 55 cents; per package, 10 cents.

Kentucky Wonder Pole.

The most productive variety that we have ever known. We do not recommend it as a shell bean, but as a snap bean it is a "Wonder," as every market gardener will find. Price, per quart, postpaid, 60 cents; per package, 10 cents.

BROCKTON POLE.

This new bean surpasses the Horticultural, which it otherwise resembles, in the much greater length of the pods, and in its much darker and richer color, making it very attractive as a market sort. It is a good cropper. Price, per quart, postpaid, 55 cents; per package, 10 cents.

 **Greenhouse and like tests determine the vitality of seed, but only those seedsmen who actually grow them can tell about their purity.**

GOLDEN CLUSTER POLE.

Those of our customers who have raised the Giant wax will get from the comparative sizes in the engraving some idea of the unusual size of the new bean, the smaller one being of the Giant and the largest the Golden Cluster. The pods are enormously large and long, exceeding in size any pole bean cultivated; they are of a fine waxy white and snap capitally. We find that the past season on favorable soil it has cropped splendidly. Price, per quart, postpaid, 60 cents; per package, 10 cents.

Wilkins' Pole Cranberry.

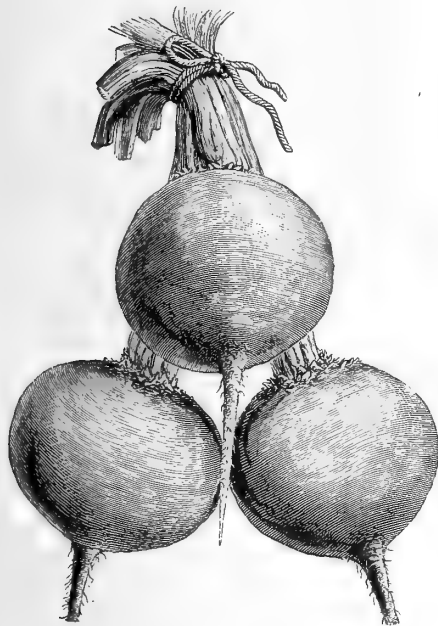
This is a capital variety of the old-fashioned pole Tory or Cranberry bean. It takes to the pole exceptionally well; is a hearty, healthy, vigorous grower, nearly covering the pole with its numerous pods. Though not of the wax class, yet all the Cranberries are nearly entirely free of "strings" and make excellent snap beans at any stage of their growth, and those that ripen are unsurpassed for baking; medium late. Price, per quart, postpaid, 75 cts.; per pkg., 10 cts.



Try our Crosby's Egyptian for early.

BEETS.

Plant the Edmands for general crop.

ECLIPSE.

This valuable beet, which we introduced a few years ago, has become a standard early variety. We might fill pages with recommendations, but will only add that one of the best proofs of its merits is found in the fact that many of the largest seed-dealers still send to us for seed, at any price, to supply their customers.

A prominent market gardener writes us:—

"In an experience of fifteen years, I find the Eclipse surpasses all in earliness, color, smallness of top and smoothness; and, moreover, it is a splendid cropper."

Price, per lb., postpaid, 83 cents; per ounce, 10 cents; per package, 5 cents.

Susan Sharp, Bell, O., writes: "The Eclipse Beet eclipsed all those of my neighbors. I had beets earlier than any of them."

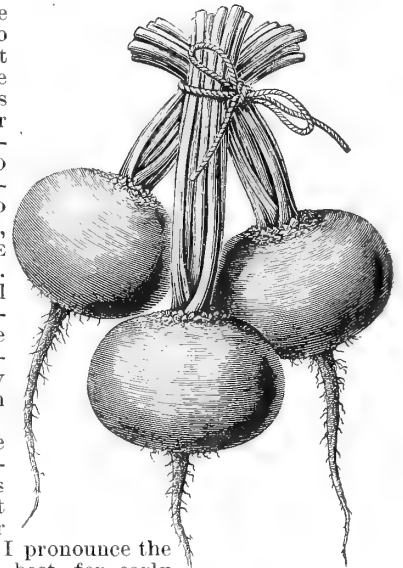
CROSBY'S EGYPTIAN.



This strain of the Egyptian has become so popular among market gardeners that we have concluded to have its portrait taken for our gallery of good vegetables. FOR THOSE WHO WISH FOR A DARK-FLESHED, SMALL-NECKED EARLY VARIETY OF BEET, THIS IS DECIDEDLY THE EARLIEST AND BEST SORT.

As early as the original Egyptian, by careful selection it has been made thicker, and is less inclined to push up a woody neck as it advances in growth.

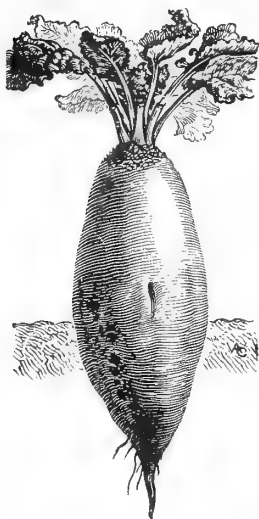
George B. Courtis, one of our best resident market gardeners, expresses but the general sentiment when he says, "After trials of many varieties, I pronounce the Crosby's Egyptian the best for early market."

Price per pound, postpaid, \$1.00; per 1/4 pound, 30 cents; ounce, 10 cents; package, 5 cents.



 **Kindly send your orders in early, which will be as well for you and better for us.** 

Dayton E. Barker, St. Joe, Mo., writes: "For 15 years your seeds have been true to name."

BEETS—Continued.**GIANT YELLOW INTERMEDIATE MANGOLD.**

This will be found to be an improvement on the common intermediate, being considerably larger in size. It grows more than half above ground, and is of a russet-yellow color. Rather elongated and a vigorous grower, it has a thick neck, large leaves with green stems, and very smooth, fine skin. Flesh, white, firm, and sweet, much liked by cattle. In short, an excellent root, easily lifted from the ground, producing enormous crops, and an excellent keeper. We find in them a little irregularity in shape, but the engraving gives the general type. Price, per lb., postpaid, 58 cts.; per $\frac{1}{4}$ lb., 18 cts.; per oz., 10 cts.; per pkg., 5 cts.

EDMANDS' BLOOD TURNIP.

This is a very good strain of late turnip beet, with flesh of an extra dark color, which makes it very popular with market gardeners. We find it to be medium early. Our customers will find it an excellent variety for general crop where a dark-colored beet is wanted. By the by, what a notion we have that a dark-colored beet must be the sweetest! There is no beet sweeter than the yellow turnip, nor, do we think, handsomer when on the table. Price, per lb., postpaid, 68 cts.; per $\frac{1}{4}$ lb., 23 cts.; per oz., 10 cts.; per pkg., 5 cts.



**WE AIM TO SELL BUT ONE QUALITY OF SEEDS,
AND THAT THE BEST**



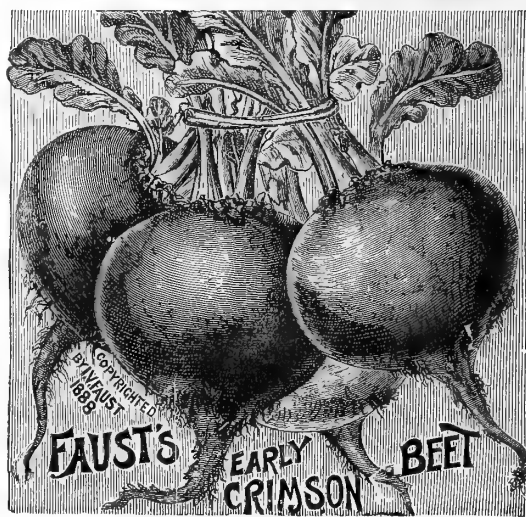
Wendell D. Wiltzie, W. Oswego, N. Y., writes: "Many years ago I used your seeds and was well satisfied, but, like the Prodigal, I wandered away, and now in penitence I return. You need not kill the fattened calf, however."

A. Anderson, Painesville, Ohio, writes: "Faust's New Crimson Beet, I got of you last season, proves the earliest of all the five varieties I planted."

Fred Rosch, Beatrice, Neb., writes: "Your All-Seasons Cabbage is the king in Gage County; I have taken first premium with it for the last four years."

J. E. & S. R. McKay, Stillarton, N. S., writes: "Your Cabbage and Cauliflower seed have given us the best satisfaction of any we have ever bought."

Geo. H. King, Charlotte-town, P. E. I., writes: "In connection with your seeds I have never lost a prize with your Mitchell's Carrot or Hollow Crown Parsnip."



This new strain of early turnip beet has a great reputation in the Philadelphia market, it being a great favorite with the most eminent market gardeners. We find that it is early, of a fine symmetrical form, and that it has a remarkably small, short top. The flesh is very prettily ringed in color, and its quality is tender and sweet. This beet, as an early kind, will prove popular with market gardeners. "The Lentz Hybrid Beets were of superior quality."—Stephen Clemons, Hampton, Va. Price, per lb., postpaid, 68 cts.; per $\frac{1}{4}$ lb., 23 cts.; per oz., 10 cts.; per pkg., 5 cts.

We are much pleased as well as surprised with this new beet, pleased with its rich crimson color, and surprised to find that it was the EARLIEST BEET IN OUR EXPERIMENTAL PLOT, WHICH INCLUDED SUCH VARIETIES AS EGYPTIAN AND ECLIPSE! It is of excellent quality, and its deep blood-red color makes it very attractive to the eye. It is doubtless the sweetest of all beets, and a first-class early for every one, but of especial value to market gardeners. This has been the experience of ourselves and neighbors. It is sometimes catalogued as the Mitchell's beet. Price, per lb., postpaid, 68 cts.; per $\frac{1}{4}$ lb., 23 cts.; per oz., 10 cts.; per pkg., 5 cts.

DIAMOND WINTER CABBAGE.

Said to be a cross between the Short Stem Drumhead and that remarkably hard-headed sort, the Danish Round Winter, making a large-sized, very hard-headed variety, not liable to crack open, growing on a short stump, and very reliable for heading. Price, per lb., postpaid, \$3.00; per oz., 30 cts.; per pkg., 10 cts.

PREMIUM FLAT DUTCH CABBAGE.

This variety is so generally well known in every cabbage-growing district of the United States that an introduction is not necessary. There are several different strains of this cabbage. We have endeavored by years of careful selection of stock to make our own very choice; a large increase in sales, especially in the South, is the best proof that it is so. Very reliable for heading. Price, per lb., postpaid, \$2.00; per $\frac{1}{4}$ lb., 58 cts.; per oz., 20 cts.; per pkg., 5 cts.

HENDERSON'S SUCCESSION CABBAGE.

We find this to be a valuable variety. It has been thoroughly well-bred, and has uniformly short stumps; about every one of them supporting well-shaped, firm, solid heads, as like each other as twins. Mature about ten days later than Early Summer. Price, per lb., postpaid, \$3.00; per oz., 30 cts.; per pkg., 10 cts.

MARBLEHEAD MAMMOTH CABBAGE.

This is, without doubt, the largest variety of the cabbage family in the world. We have had heads, when stripped of all waste leaves, that could not be got into a two-bushel basket, having a diameter two inches greater. Our patrons generally succeed in growing the Mammoth to the weight of thirty and forty pounds, and in some instances over ninety pounds. It is the best of all varieties to raise for winter feed for poultry. Price, per lb., postpaid, \$2.00; per $\frac{1}{4}$ lb., 58 cts.; per oz., 25 cts.; per pkg., 10 cts.

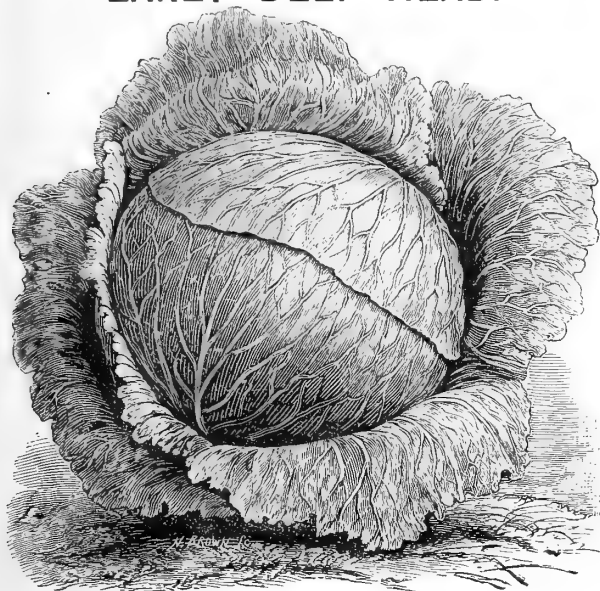
*Plant our All-Seasons for
market. It is
making hosts of friends.*

CABBAGES.

PLEASE NOTICE CABBAGES ON PAGE 12.

*Try the Reynolds in your
garden, and the family
will appreciate the act.*

EARLY DEEP HEAD.



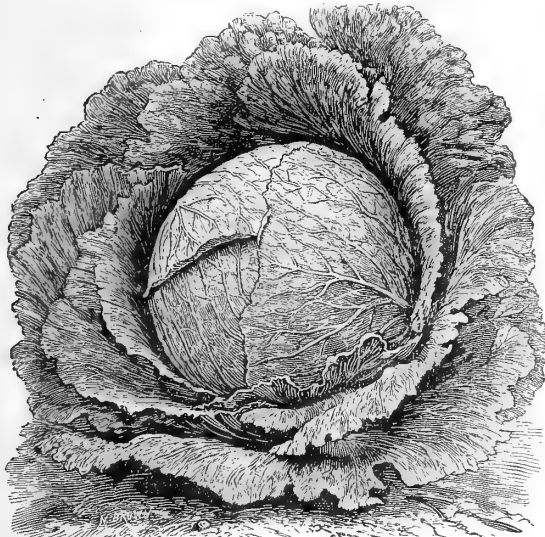
Every one of our customers who has raised them must have found the Early Deep Head a magnificent cabbage. The Deep Head makes a larger and thicker head than the original Fottler, hence is better to keep over winter, "peeling" well in the spring. We present a few recommendations of the cabbage, as given by some of our customers:—

Jacob Carl, Roaring Creek, Pa., writes: "I raised an Early Deep Head cabbage from your seeds that weighed twenty-two pounds." W. L. Kuykendall, Dunlap, Ia., writes: "You do not speak highly enough of the Deep Head; it is the best cabbage I have ever had." J. R. Eaton, Liberty, Mo., writes: "I have never yet found any cabbage that I like better than the Deep Head." M. A. Myers, Lafontaine, Ind., writes: "Your Deep Head cabbage is the best I ever raised; sure to head large and solid."

Price, per pound, postpaid, \$2.50; per $\frac{1}{4}$ pound, 73 cents; per ounce, 25 cents; package, 10 cents.

THE WARREN.

Sometimes called "Warren's Stone Mason."



This first-class cabbage is closely allied to, but an improvement on, the old Mason cabbage of twenty-five years ago. It makes a deep, round, and very hard head, the outer leaves

wrapping it over very handsomely. In reliability for heading no cabbage surpasses it; a field of them, when in their prime, is as pretty a sight as a cabbage man would wish to see. It comes in as early as some strains of Fottler, and a little earlier than others. A capital sort to succeed the All-Seasons. The heads being very thick through, and nearly round, make it an excellent sort to carry through the winter. Price, per pound, postpaid, \$3.00; per $\frac{1}{4}$ pound, 95 cents; per ounce, 30 cents; per package, 10 cents.

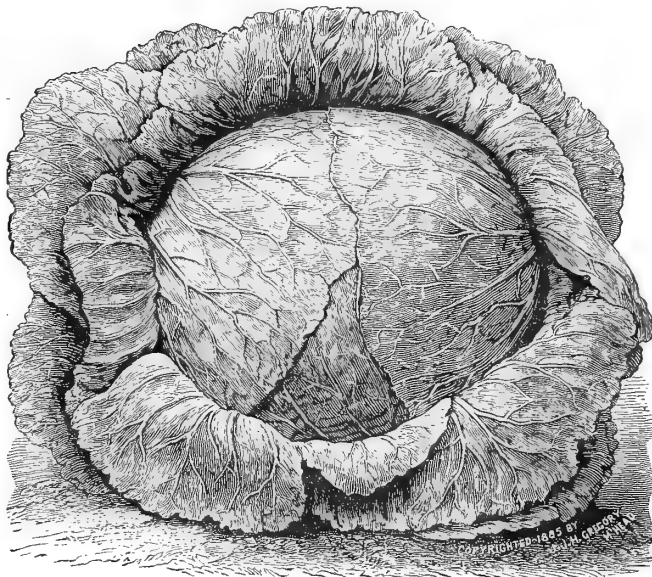
A. H. Wilcox, Miller's Station, Penn., writes: "I raised a field of your Warren cabbage last year with scarcely a poor head in the lot. It was a bad season for cabbages in this section, and people seeing mine would ask, 'What kind are they and where did you get your seed?'" H. H. Bragdon, Trinity, Cal., writes: "We call the Warren cabbage the very best for fall and winter."

ALL HEAD.

If there is any difference between this and our Deep Head, certainly we have been unable to find it. However, under whatever name it may be known, it is an excellent sort for reliability, for heading, size, earliness, and hardness of the head. Our stock is from headquarters and can be relied upon as true to name. Per pound, postpaid, \$3.00; per $\frac{1}{4}$ pound, 95 cts.; per ounce, 30 cents; per package, 10 cents.

ALL-SEASONS. (Headquarters Stock.)

Sometimes called "Vandergaw."



This fine variety has through clear, sheer merit introduced itself into every leading catalogue in the United States. It is called "All-Seasons" because it is just as good for late market or to keep over winter, as it is for the early market. Our stock is from specially selected heads. This is what our fellow-seedsmen and market gardeners write us:—

"I have always planted the Stone Mason, but after a practical trial I have placed the All-Seasons at the head, and shall use no other."

Marblehead, Mass.

GEORGE B. COURTISS.

"We were very well pleased with its appearance. It looked to us very close to Early Summer, but larger."

New York, N. Y.

PETER HENDERSON & CO.

"The All-Seasons cabbage is the earliest I had in my grounds this season. The heads are hard and all very handsome."

West Hebron, N. Y.

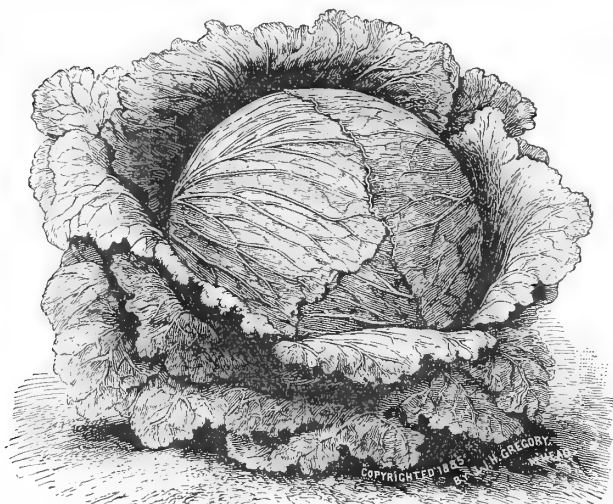
E. L. COY.

F. A. Baylis, Melville, N. Y., writes: "The All-Seasons is superior to any cabbage ever grown here."

Geo. W. Snow, Newburgh Village, Me., writes: "Your All-Seasons cabbage is the finest I ever raised, in fact, all your vegetable seeds are tiptop."

C. C. Lineberry, Greensboro, N. C., writes: "Your All-Seasons cabbage is the best I have ever raised, and I will continue to use your seed as long as they are as pure as they have been heretofore."

Price, per pound, postpaid, \$3.00; per $\frac{1}{4}$ pound, 95 cents; per ounce, 30 cents; per package, 10 cents.

CABBAGES — Continued.**REYNOLDS' EARLY.**

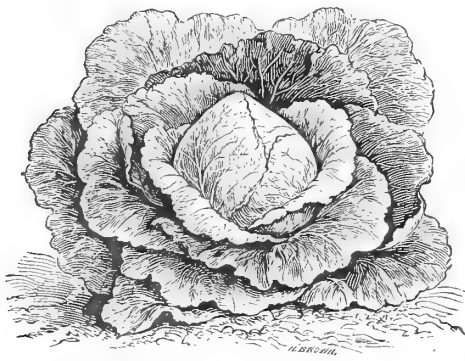
As stated in a former catalogue, it is a scientific cross, made by Mr. Franklin Reynolds, between the Schweinfurt Quintal and Cannon Ball cabbage, the result being a new variety in which are combined the good qualities of both its parents. The crossing was made by carefully transferring from selected heads the pollen from the stamens of the Cannon Ball to the pistil of the Schweinfurt Quintal. We believe we are correct in stating that the Reynolds is the only cabbage that was ever produced in this country by an actual crossing of two varieties. Most of the new kinds are only strains made by careful selections. Planting different varieties of seed cabbage side by side does not insure or even make probable a crossing of varieties.

The great drawback to the Schweinfurt was the softness of the heads. Now the Cannon Ball is an early cabbage, being one of the hardest-heading varieties known; and the result has been to produce a new cabbage, which, while as early as the Schweinfurt, partakes also of some of the hardness of the Cannon Ball. The flavor of this new cabbage is rich, tender, and sweet, being superior to the Drumhead class, making it a valuable variety for family use, and also for marketing where there is not a long transportation. None of the scores of varieties we have ever grown has a shorter stump than this (the heads appear to rest directly on the ground), and none is surer to head.

W. W. Wilson, Mt. Sterling, Ky., writes: "I grew the Reynolds cabbage to weigh twenty-five pounds, the largest ever grown in this section." "I raised from one packet of Reynolds' cabbage one hundred and fifty of the finest cabbage I ever grew."

W. R. SKELLS.

Price, per pound, postpaid, \$3.00; per ounce, 30 cents; per package, 10 cents.

EARLY JERSEY WAKEFIELD.

or four days later than the other. Price, per lb., postpaid, \$3.00; per ¼ lb., 95 cts; per oz., 30 cts; per pkg., 10 cts.

GREGORY'S HARD-HEADING (or LUXEMBOURG).

Owing to its remarkable keeping properties and the fact that the head remains as green as when gathered in the fall, in this respect differing from all other cabbage, the Hard-Heading is the king of all cabbage for late spring selling.

A. W. Dodge, Commission Merchant, Boston, Mass., writes: "You may say to any one who may think of growing the Hard-Heading that I say they are the finest cabbage that were ever put on Boston market at this time, May 11, 1891."

Writes Mr. R. M. Edgecomb, from Mapleton, Mich.: "I have just (April 15) taken out a wagon load of your Hard-Heading almost as green as when buried."

Writes Mr. Jonas C. Schoob, of Cumberland, Pa.: "I put out fifty plants, and forty-nine made the heaviest heads I ever saw for their size, and all so uniform!"

John Pawling, Loraine, Wis., writes: "Your Hard-Heading cabbage beats them all for keeping."

The market gardener who sent us the seed writes: "I have tried all the favorite kinds of cabbage, but found no other half so good a keeper, it being in good market condition (at Chicago) as late as the 15th of May, which is a fortnight after all other kinds of cabbage have played out. It also differs from all other kinds in making heads as hard as a rock; standing late frosts in the field better than any other sort, it is especially adapted for late autumn, winter, and spring sales; it is from a fortnight to three weeks later than Flat Dutch, and has rounder heads."

Our summing up of the matter would be this: That for early fall marketing we should as soon have the Deep Head, Stone Mason varieties; but for late fall when a large proportion is wanted for shipment, or to be stored for winter sales, for winter marketing, and pre-eminently for spring and late spring sales, when cabbages usually bring their highest price, this is the cabbage. THOSE WHO RAISE IT WILL HAVE THE MARKETS OF LATE SPRING ENTIRELY TO THEMSELVES. Price, per pound, postpaid, \$3.00; per ¼ pound, 95 cents; per ounce, 30 cents; per package, 10 cents.

IMPROVED AMERICAN SAVOY.

The Savoy is the tenderest and the richest flavored of all cabbages, and for boiling are decidedly the best, being much superior to the Drumhead and cone-shaped varieties. The Improved American Savoy is probably the best of all the Savoy for the general market. It grows to a large size, is as reliable for heading as the



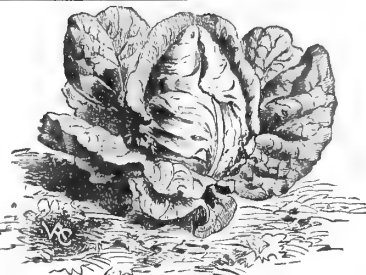
Stone Mason or Premium Flat Dutch, and has as short a stump as either of these varieties. We heartily recommend it to all those market gardeners who grow Savoy by the acre for the general market. Price, per pound, postpaid, \$2.00; per ¼ pound, 58 cents; per ounce, 20 cents; per package, 5 cents.



FOTTLER'S EARLY BRUNSWICK CABBAGE.

FOTTLER'S EARLY BRUNSWICK.

After an extensive trial on a large scale by market farmers in all parts of the United States, Fottler's cabbage has grown in estimation in all the great cabbage districts. Those of our brother farmers who raise this fine, early Drumhead will find the Deep Head an improvement on it in depth of the head, which makes it a better strain to raise when the crop is for winter or spring marketing. Price, per pound, postpaid, \$2.25; per 1-4 pound, 68 cts.; per ounce, 25 cts.; per package, 5 cts.



EXPRESS CABBAGE.

EXPRESS. (New.)

This is a choice variety of early cabbage. Vilmorin, the great French seedsman, ranks it at the head of all the early sorts. We find on our grounds that it resembles the Early Wakefield in shape, but makes larger heads. A good cabbage for those who raise for the earliest market. Per ounce, 25 cents; per package, 10 cents.

Danvers—Ours is the market gardeners' strain.

CARROTS.

Guerande can be pulled by hand.

Danvers.

In the town of Danvers, Mass., the raising of carrots on an extensive scale has for years been quite a business,—the farmers finding a large market in the neighboring cities of Salem, Lynn, and Boston. After years of experimenting they settled upon a variety which originated among them (as did the Danvers onion), known in their locality as the "Danvers Carrot." It is in form about midway between the Long Orange and Short Horn class, growing, generally, with a stump root. The great problem in carrot-growing is to get the greatest bulk with the smallest length of root, and this is what the Danvers growers have attained in their carrot. Under their cultivation (see our Treatise on Carrots and Mangolds), they raise from twenty to forty tons to the acre, and, at times, even larger crops. This carrot is of a rich dark orange in color, very smooth and handsome, and from its length is easier to dig than the Long Orange. It is a first-class carrot for any soil. *The seed we offer is from most carefully selected stock.* Price, per pound, postpaid, \$1.33; per ounce, 15 cts.; per pkg., 5 cts.

P. L. Pasco, Ripon, Wis., writes: "I have grown Danvers Carrots from your seed at the rate of sixteen hundred bushels to the acre."

Guerande Half-Long, Stump-Rooted or Oxheart.

Intermediate as to length between the Scarlet Horn and the Short Horn. It is thicker at the neck than the latter, and, as will be seen by the engraving, carries its thickness well down towards the bottom. Planting it on a large scale, we are well pleased with this new carrot. With us it yielded at the rate of thirty-five tons to the acre. Every carrot can be easily pulled by hand; no ploughing or digging is necessary. As it pushes out each side of the row when growing, it can be left thicker in the row than the Danvers or Long Orange.



In the experimental ground connected with the New York Agricultural College, of twenty-five varieties of carrots tested in 1884, the Guerande yielded more than double the average weight of the roots of all other kinds.

Writes G. W. Tripp, Ottosego, Wis.: "From one ounce of the Guerande I raised forty-two bushels of fine carrots."

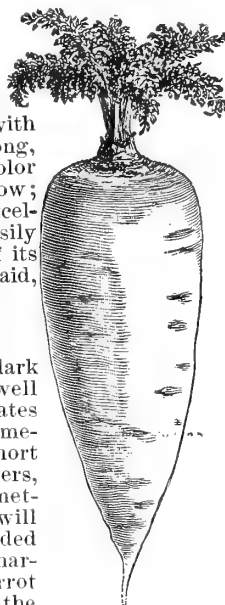
Writes Mr. Walter B. Knight, of Troy, Me.: "On two square rods of land I raised eighteen bushels, which would be at the rate of fourteen hundred and forty bushels to the acre."

D. O. Gillett, So. Cass, Mich., writes: "I raised this year Guerande Carrots at the rate of nineteen hundred and sixty-five bushels per acre."

Price, per pound, postpaid, \$1.00; per ounce, 12 cents; per package, 5 cents.

Improved Short White. (New.)

This new and distinct variety, Mr. Ferry thinks, is destined to take first rank as a field carrot, owing to its enormous productiveness, and the ease with which it can be harvested. Roots half long, very heavy at the shoulder, smooth; color light green above ground, white below; flesh rich, white, solid, crisp, and of excellent flavor. As a heavy-cropping, easily harvested white carrot it is the best of its class. A real acquisition. Per lb., postpaid, \$1.00; per oz., 15 cts.; per pkg., 10 cts.



IMPROVED SHORT WHITE CARROT.

CHANTENAY.

This new French carrot is of a rich, dark orange color. The stock has been so well bred that the carrots are almost duplicates of each other. In earliness it ranks intermediate between the Danvers and the Short Horn. It is of the style of the Danvers, hardly as large, but finer and more symmetrical. Our customers will find the Chantenay a decided acquisition for those markets which call for a carrot of a finer type than the Danvers. Price, per pound, postpaid, \$1.00; per ounce, 12 cents; per package, 5 cents.



CHANTENAY.

GIANT WILTSHIRE.

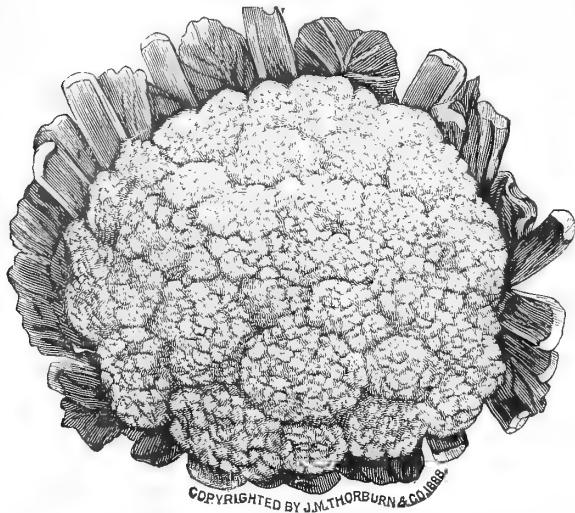
This is the Goliath among the carrot family. Under rich manuring it will grow to be nearly the size of an average Mangold-wurzel. It is white under ground and greenish above, and grows so much above ground as to be pulled without digging. Forty tons can be raised on an acre. It is usually fed to horses. The seeds require thick planting to get a good stand. Have rows fifteen inches apart and thin to five inches. Price, per pound, postpaid, \$1.00; per ounce, 15 cts.; per pkg., 5 cts.

James O. Gunter, Drain, Ore., writes: "Your Giant White Wiltshire Carrot was the largest I ever saw."

Mrs. Elisabeth Johnston, Bloomington, Ind., writes: "For twenty-four years I have found your seeds every way reliable."

CAULIFLOWER.

THORBURN'S GILT-EDGE.



This is undoubtedly the finest strain of the Snowball variety. It is a little later and larger than the common Snowball, and can be left longer in the field without decaying. Price, per oz., \$3.50; per pkg., 25 cts.

HENDERSON'S SNOWBALL.

This ranks very high among the early varieties; for earliness, reliability for heading, size of head, and rich, white, curdy appearance, it is deservedly very popular. It has the best characteristics found in the Berlin Dwarf, Extra Early Erfurt, or Sea Foam. Our seeds will be directly from Henderson

& Co., and all except the packets will bear their seal. Price, per ounce, \$4.00; per package, 25 cents.

LONG ISLAND BEAUTY.



Of the thirteen varieties of cauliflower raised in our experimental plot in 1888 every specimen of the Long Island Beauty made fine heads, and the heads averaged larger than any other sort. It is among the very earliest. We would advise all our market-garden customers, who are raisers of cauliflower, to give this a trial. Mr. Brill calls it "absolutely and unequivocally the best cauliflower in the world." Price, per oz., \$3.00; per pkg., 25 cts.

EXTRA EARLY DWARF ERFURT.

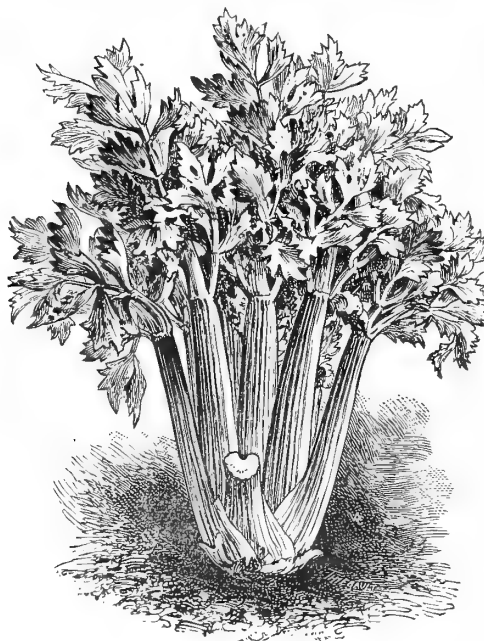
(Seed specially selected.) Very early, hardy, dwarf and compact. One of the very best for forcing and as an early variety. We have grown them fourteen inches in diameter. Price, per oz., \$3.00; per pkg., 25 cts.

As a keeper the Pascal is fast winning its spurs.

CELERY.

Our Lackey's Corn is nearly as early as the Cory and of fine quality.

GIANT PASCAL.



This new variety of celery comes to us from France. It is a tall sort, growing large, thick, and solid stalks. Dark green in color, it has a golden heart and a rich, nutty flavor. Unlike some of the self-blanching varieties, this is a fine keeper, being found in the markets of Paris from the end of December to the beginning of March. Well worthy the attention of every enterprising market gardener. Price, per oz., 35 cts.; per pkg., 10 cts.

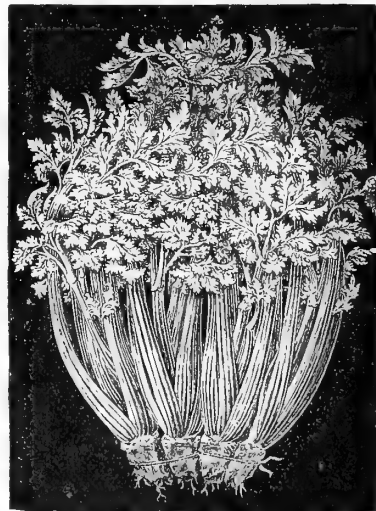
WHITE PLUME.

The peculiarity of the celery known as "White Plume" is, that by closing the stalks, either by tying them up with matting, or by simply drawing the soil up against the plant, and pressing it together with the hands, and again drawing up the soil with the hoe or plow, so as to keep the soil that has been squeezed against the celery in its place, the work of blanching is completed. The very qualities that make its culture so simple unfit it for a spring celery, as its tenderness and crispness of structure cause it to rot quicker than the old green kinds. Price, per 4 pound, 95 cents; per ounce, 35 cents; per package, 10 cts.

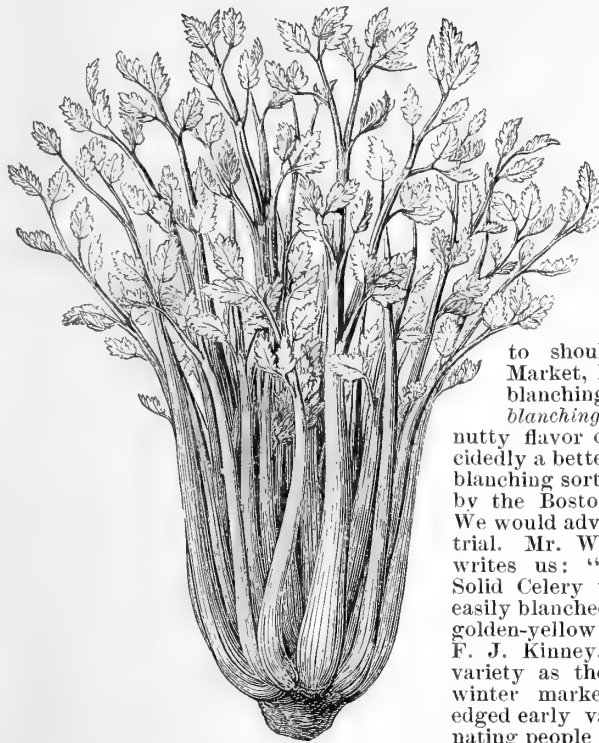
M. S. Gosney, Boston, Ky., writes: "The White Plume and Paris Golden Celery were very fine."

Dwarf Golden Heart.

A half-dwarf sort, silvery white, with golden heart, perfectly solid. One of the leading Boston market gardeners considers it an acquisition. Price, per pound, postpaid, \$2.00; per ounce, 25 cents; per package, 5 cents.

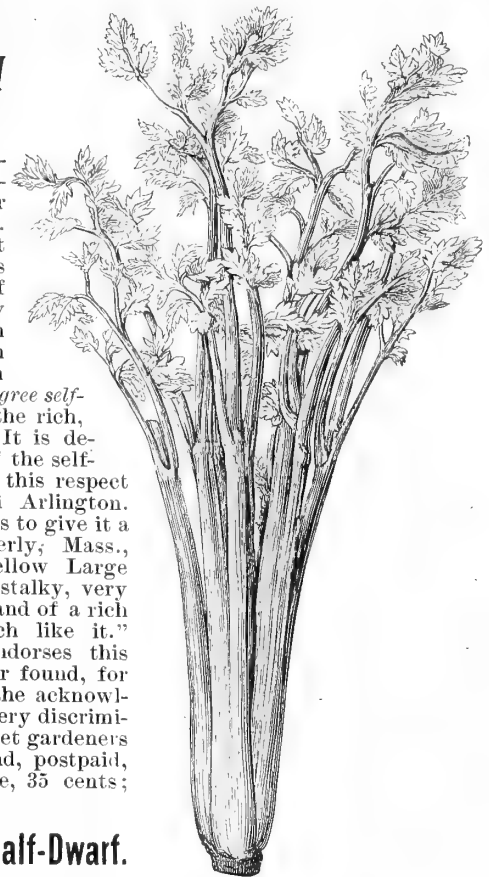


☞ Please note list of discounts on page 1. ☞

CELERY — *Continued.***PARIS
GOLDEN-YELLOW
LARGE SOLID.**

PARIS GOLDEN-YELLOW.

This celery has become exceedingly popular, blanching sooner than any other sort. It surpasses in about all the characteristics sought after,—vigor of growth, a tendency under high cultivation to shoulder like the Boston Market, large size, readiness in blanching, *it being to a large degree self-blanching*, and in possessing the rich, nutty flavor of the best varieties. It is decidedly a better keeper than most of the self-blanching sorts, though surpassed in this respect by the Boston Market, Pascal, and Arlington. We would advise all market gardeners to give it a trial. Mr. W. H. Munroe, of Beverly, Mass., writes us: "I find the Golden-Yellow Large Solid Celery to be very large and stalky, very easily blanching, very fine in flavor, and of a rich golden-yellow color. I very much like it." F. J. Kinney, Worcester, Mass., indorses this variety as the best he has thus far found, for winter market. This has become the acknowledged early variety grown for the very discriminating people of Boston, by the market gardeners who supply them. Price, per pound, postpaid, \$3.50; per $\frac{1}{4}$ pound, \$1.10; per ounce, 35 cents; per package, 10 cents.



CRAWFORD'S HALF-DWARF.

Crawford's Half-Dwarf.

This variety is very extensively grown by the market gardeners who supply the markets of New York City. It has a rich, nutty flavor, and great vigor of growth. When blanching, it is very ornamental for the table, and surpasses most of the large-growing sorts in weight of bunch, when grown under the same conditions. Price, per lb., postpaid, \$2.00; per $\frac{1}{4}$ lb., 58 cts.; per oz., 25 cts.; per pkg., 5 cts.

KALAMAZOO.

This is said to be "the most perfect type of Dwarf White Celery known." Very distinct and handsome, of a beautiful cream-white color throughout, it attains a very large size, is of quick growth, stiff and close habit, is remarkably solid, crisp eating, and finely flavored. The ribs are very broad, thickly and closely set. By reason of its neat growth and showy appearance, it is a specially valuable variety for market. A first-class keeper. Price, per lb., postpaid, \$2.25; per $\frac{1}{4}$ lb., 68 cts.; per oz., 25 cts.; per pkg., 10 cts.

Cory for first early.

CORN.

Egyptian for last late.

NE PLUS ULTRA.

Under this latter name we introduced to the public a number of years ago a variety of sweet corn, since called the "Ne Plus Ultra," which Latin name translated into English would read "The unsurpassable corn." This corn has a very peculiar appearance, the kernels being irregular in shape and distribution on the cob. In the matter of sweetness and tenderness, which, after all, are the special points with the gardener, the "Ne Plus Ultra" has never been surpassed. The ears are rather below medium size, but as an offset several grow on each stalk. Price, per qt., postpaid, 32 cts.; per pkg., 10 cts.

LIVINGSTON'S EVERGREEN SWEET.

We find this comes in about a fortnight earlier than Stowell's, yielding large, handsome ten or twelve rowed ears, the kernels of which are extra tender and extra sweet. Capital variety to follow Moore's. Price, per qt., postpaid, 37 cts.; per pkg., 10 cts.

PERRY'S HYBRID.

On our experimental grounds this has proved to be very early, and a remarkably large-eared sort for one so early. We would suggest to our farmer friends that either this or the Boston Market, if planted at the same time, would follow, for marketing, just after the Cory. Price, per qt., postpaid, 32 cts.; per pkg., 10 cts.

POTTER'S EXCELSIOR.

We don't think there is a sweeter, richer-flavored corn for the table than this. Its quality is a surprise to us, and we think it will be to any of our customers who have not as yet grown it. In its season this is the favorite corn in the restaurants of the large cities. There is but little call for any other in Boston when the Excelsior comes into the market. Price, per qt., postpaid, 32 cts.; per pkg., 10 cts.

MARBLEHEAD MAMMOTH SWEET.

Green ears have been exhibited weighing between two and three pounds. It is the earliest, sweetest, and largest of all the Mammoth Sweet varieties. Probably no other sweet corn will yield as much fodder, and it is extensively planted to be fed green, or be put into the silo. Price, per qt., postpaid, 32 cts.; per pkg., 10 cts.

ORIGINAL CROSBY.

This is just what its name imports, the *original* Crosby (it originated in Marblehead, Mass.), very short stalked, very small kernelled, and very early. The ears form very near the ground. Sweet and of rich flavor, from twelve to sixteen rowed. Our stock was presented to us by old Josiah Crosby himself. A great favorite in the Boston market. Price, per qt., postpaid, 32 cts.; per pkg., 10 cts.

CORN — Continued.

WHITE CORY. (New.)

Some have objected to the Cory because the kernels of some of the ears have a reddish cast. Here is a new strain, which is not open to this objection, for by planting only white cobbled ears of the Cory, after several years of care, a distinct variety has been produced, which is nearly entirely free from the objectionable red cob and kernels. It is equally as early as the original Cory, and averages sweeter. These two strains of the Cory we have carefully compared with all the various kinds of extra early corn sent out by my fellow-seedsmen, and we have not, thus far, found any variety of equal size earlier. Per bushel, per express, \$3.25; per peck, per express, 95 cents; per quart, per express, 25 cents; per quart, postpaid, 37 cents; per package, 10 cents.

C. F. Lusering, St. Mary's, Texas, writes: "I have been buying your seed for at least 20 years, and find them all that I could desire."

STABLER'S EARLY. (New.)

One of the earliest of the second early class, following close after the Cory. It is twelve rowed, the ears large for so early a sort, and very sweet, in this respect surpassing all the earliest sorts. A good cropper, and profitable both for family use and as a market sort. Per peck, per express, 90 cts.; per qt., express, 20 cts.; per qt., postpaid, 32 cts.; per pkg., 10 cts.

QUINCY MARKET. (New.)

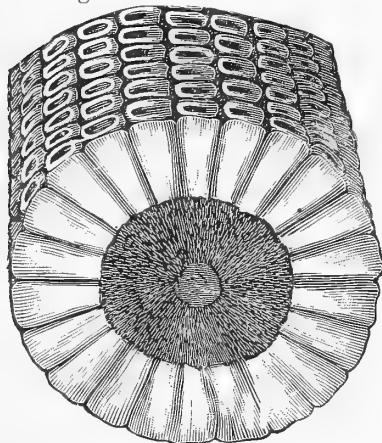
A great favorite in Boston market, coming in just after the Cory, and just before the Crosby. The ears resemble the Crosby, being twelve rowed, but are larger. It is very prolific, many of the stalks bearing two ears. A true sugar corn, sweet and of excellent quality. Per quart, postpaid, 37 cents; per package, 10 cents.

FIRST CROP SUGAR. (New.)

This came along just after the Cory, with ears rather larger, and the kernels closer set, while in sweetness it surpasses it. An excellent cropper. Per quart, postpaid, 37 cents; per package, 10 cents.

EXTRA EARLY HURON DENT. (New.)

Mr. C. S. Clark, a very extensive corn grower, makes a standing offer of \$150.00 to any one who will produce a Dent corn as early, as pure, as smooth and free from roughness, with so little space between the rows, and so well grained over both ends, as this new variety. The Early Huron proves to be as early as the earliest Dent corn in cultivation, is as early as the Flint varieties, with a most perfectly shaped ear, smooth and free from roughness, with remarkably little waste of space between the rows, and well grained over both ends. Certainly the Early Huron is well worth a trial by all of us who have heretofore, by reason of the lateness of the Dent, confined ourselves to the Flint varieties. Per bushel, per express, \$2.25; per peck, 75 cents; per quart, postpaid, 40 cents; per package, 10 cents.



The two largest onion crops ever raised in Massachusetts—that of Hon. A. T. Newhall at Lynn, in 1886, 1,123½ bushels of Early Red Globe per acre, and that of Mr. Ettore Tassinari, at the Danvers Insane Asylum, in 1893, 1½ acres, at the rate of 1,082 bushels of Extra Round Yellow Globe Danvers per acre—were both grown from our seeds.

COUNTRY GENTLEMAN SUGAR. (New.)

Who that has raised that sweetest of all varieties of sugar corn, which we were the first to catalogue over a dozen years ago, under the name of "Quaker Sweet," but has since been renamed "Ne Plus Ultra," has not regretted that the ear was so small as to make it difficult to market it? In this new variety, the "Country Gentleman," we have ears of good market size, which retain all the delicious quality of the "Ne Plus Ultra." Like that, it is remarkably prolific, averaging two or more ears to each stalk. Cobs small and kernels long. Our customers will find this to be a decided acquisition either for home use or for marketing. Per peck, per express, \$1.25; per quart, express, 30 cts.; per quart, postpaid, 42 cts.; per package, 10 cents.

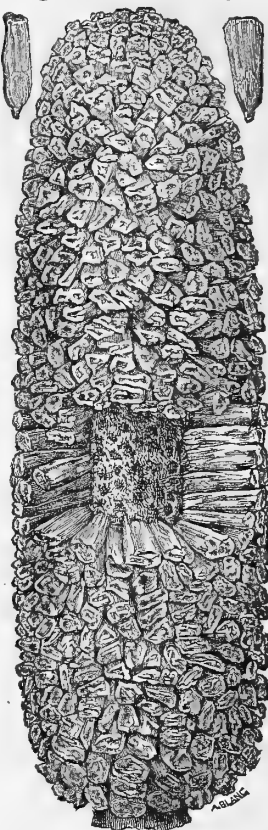
Bonanza Sweet. (New.)

An early variety with ears as large as evergreen. About as early as Minnesota or Crosby, but the ears are decidedly larger, rich flavored and sweet. The market gardener who originated it, for years held a monopoly of the market, carrying in a large sweet corn, weeks ahead of his competitors. We find the Bonanza is exceedingly prolific, yielding oftentimes two ears to a stalk. Per qt., postpaid, 32 cts.; per pkg., 10 cts.

NONESUCH SWEET. (New.)

This new variety will be sure to please, because of the good size of the ears, its strong growing qualities, and heavy yield. It is 12 to 14 rowed, coming in just after Moore's Concord, with larger ears. The leaves, stalk, and cob are of a rich pink color, while the grain is white tinted with pink at the cob end. Per peck, express, 90 cts.; per qt., express, 20 cts.; per qt., postpaid, 32 cts.; per pkg., 10 cts.

COUNTRY GENTLEMAN
SUGAR CORN.



C. L. Horton, Winterton, N. Y., writes: "The Earliest of All Tomatoes ripened two weeks earlier than any of the rest I raised, and has not shown the first spot of rot, while the others at least half rotted. I have shown seed of you for over 20 years."

Andrew Lackey, Haverhill, Mass., writes: "I find your Shumway's Giant Melon early for a large one, not much later than the Christiana; weight, 12 to 15 pounds; yellow fleshed and of excellent quality."

The Cleveland Seed Co. writes: "We have watched the Nott's Excel-sior very carefully, and find that it is an excellent pea, and a great improvement over the American Wonder."

A. A. Williams, Dudley, Mass., writes: "I hereby hand you my twenty-first annual order for seeds, and without exception they have proved true and fresh."

We will leave "painting the town red" to the rowdies, but our Mammoth Carmine Podded Horticultural Pole Beans will drape the poles with a brilliant-carmine that will be the admiration of every neighbor.

CORN—Continued.**LACKEY'S EARLY SWEET.**

The Marblehead and Cory varieties, which we introduced a few years ago, have not as yet been surpassed in earliness, as we have learned by testing them with every new early sort. But the Lackey Corn, which we introduced to our customers in 1890, will be found to surpass either of them in two very important qualities: 1st, IT HAS LESS SMUT AMONG IT, and 2d, IT IS A SWEETER VARIETY, being deliciously sweet. Mr. Lackey has spent years in perfecting this variety, and the result of his good work has been to produce a very desirable early market sort, with ears and kernels as large as the Cory, while it smuts less and is sweeter. This will be an excellent substitute for

the Cory, or one to follow the market directly after it, as it matures earlier than the Crosby. Per peck, per express, at purchaser's expense, \$1.25; per qt., postpaid, 42c.; per pkg., 10c.

C. A. Hill, Middleton, writes: "I do not want for my family use any better corn than Lackey's."

THE CORY.

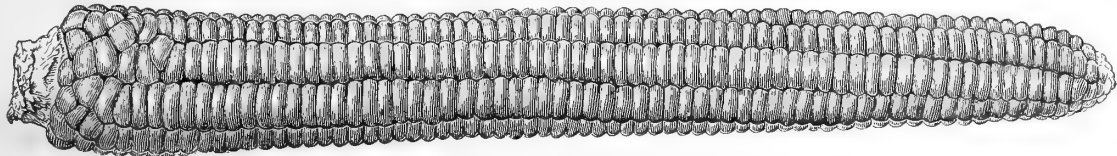
This new sweet corn, which we introduced in 1885, is now the recognized first early sweet corn; all of the "first earlies" are but other names for it.

Mr. Charles N. Dyer said that he had raised the Early Marblehead side by side with the Cory, and found that the Cory was a few days earlier; it made a larger and more presentable ear for marketing, the husk covering the tip of the ear better than was the case with the Marblehead.

Mr. Lorenzo Talman told us he raised four rows of Marblehead Early side by side with the Cory, and found the latter the earlier by three or four days; "but," said he, "these four days made the difference with me between thirty-five or forty and twenty cents per dozen."

Mr. Anthony said: "I find it a decided improvement on the Marblehead in earliness, size of kernels, and general presentableness of the ear."

Price per bush., \$3.50; per peck, per express, \$1.00; per qt., postpaid, 32 cts.; per pkg., 10 cts.

**LONGFELLOW'S FIELD.**

This fine field corn is the result of careful selection in the Longfellow family (relatives of the distinguished poet) for over fifty years. The ears are remarkably long, some of them fifteen inches, and oftentimes two or more good specimens grow on one stalk. The cob is quite small, and the kernels large. It is the largest variety of yellow field corn that we have ever found it safe to plant in the latitude of Massachusetts, where it is quite extensively grown. Jonathan Skilton, Northboro, Mass., reports one hundred and fifteen bushels shelled corn from an acre. This is the variety that took the first premium among the flint corns at the great exhibition at Chicago a few years ago. Price, per pkg., 10 cts.; per qt., postpaid, 35 cts.; per express, 20 cts.; per peck, 60 cts.; per bush., \$2.00.

THE BEST CORN FOR THE SILO.

Of all the large Southern varieties suitable for the silo, we prefer the Leaming. It is very tall and leafy, and the very large ears will mature in Central New England. Of the Northern varieties of field corn, I find that Blunt's makes the most fodder; it not only grows a tall stalk, but it has more leaves than other varieties, they growing nearer together on the stalk. Of the sweet varieties, the Marblehead Mammoth and Stowell's we consider the best. Price, per bush., of Leaming, \$2.00; Marblehead Mammoth, \$3.25; Stowell's, \$2.75.

More Good Words from our Friends.

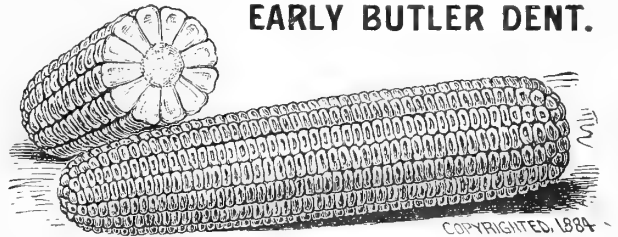
L. S. Ferguson, Chester, Mass., writes: "Have bought seed of you twenty-six years and found them reliable in every particular."

Francis A. Bliss, Jamestown, N. Y., writes: "I think your seeds cannot be excelled; have planted them twenty-nine years."

Enos Benbow, Kennard, Ind., writes: "Have bought seeds of you thirty-two years, and they have given the best of satisfaction. As long as I plant a garden shall use Gregory's seed."

T. H. Burnham, Bloomfield, Conn., writes: "Have used your seed over twenty years, and plant them in full confidence that if the crops fail it is not the fault of the seed."

Mrs. I. M. Reed, North Boothbay, Me., writes: "Have purchased seeds of you fifteen years, and always found them reliable."

EARLY BUTLER DENT.

Mr. Clark, of Ohio, who sends out this new corn, writes us as follows: "For three years I have been testing this corn with all the standard and new sorts, and find, after a thorough trial, that it is the very best one yet introduced for Northern climates."

F. K. Bussing of Hutchinson, Kan., writes: "I am well pleased with the Butler corn. It is the corn for this country, a small cob and stalk; it was ripe the middle of August."

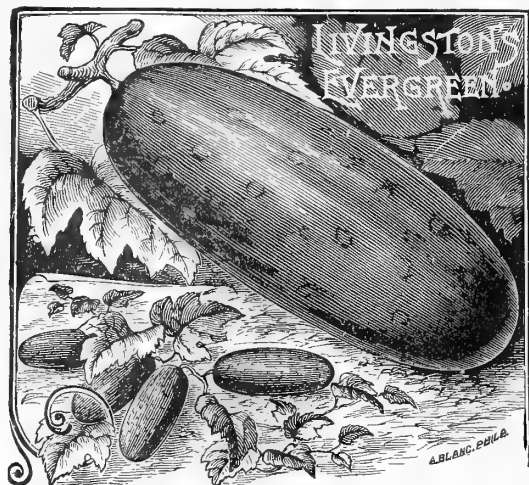
T. H. Burke, Wakeman, O., says: "I will plant no other."

Price, per bush., express, \$2.00; per peck, express, 60 cts.; per qt., postpaid, 35 cts.; per pkg., 10 cts.

We are still of the opinion that Nott's Excelsior Peas will take the place of the American Wonder.

Seeds per mail postpaid by us; per express or freight at purchaser's expense for charges.

CUCUMBER.



LIVINGSTON'S EVERGREEN.

The New Evergreen is very *hardy* and *evergreen*, withstanding drought, and bearing until frost. One grower says it bears four to one compared with standard sorts. A very strong grower, extra early, and of the best flavor, bearing firm, crisp fruits, either for pickling or slicing.

A celebrated vine-seed grower says: "I believe I never saw cucumbers lie thicker on the ground than the Evergreens did. When the frosts killed the vines it really looked as though the whole surface of the ground was covered."

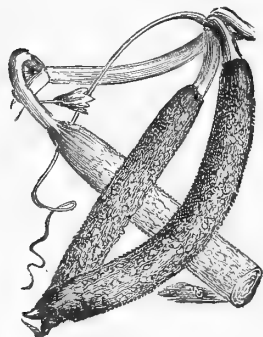
Mr. Henry C. Pound, Ky., writes: "Livingston's Evergreen Cucumber I consider one of the best for slicing, also good for pickling, and a prolific bearer. It was very dry with us last year. I did not have a fair trial, but pronounce it ONE OF THE BEST Cucumbers. It did not seem to stop bearing."

Mr. A. D. McCormick, Ohio, writes: "The Livingston's Evergreen Cucumber was all that could be desired in both yield and quality."

Mr. Jos. E. Sherwood, Connecticut, writes: "I cannot speak too highly of Livingston's Evergreen Cucumber."

Mr. L. L. Blackford, Ohio, writes: "Livingston's Evergreen Cucumber is a good market sort. Will plant more of them next season."

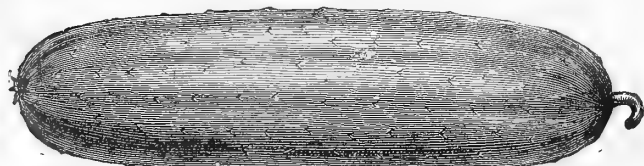
Price, per oz., 10 cts.; per pkg., 5 cts.



PARISIAN PICKLING.

The engraving gives an exact reproduction of this new French cucumber. As will be seen, it is markedly distinct from all other varieties, the fruit being strikingly long and cylindrical, and densely covered with fine prickles. The flesh is both hard, crisp, and tender, what we all greatly desire in our pickles. We find that the vines are fairly productive, the fruit growing on peculiar stems, as shown in the engraving. Price, per oz., 20 cts.; per pkg., 10 cts.

BENNETT'S WHITE SPINE. (New.)



This is considered the best cucumber brought into the New York market. We find it to be a fine strain of very pure stock, retaining its glossy green color quite late. It will be found to be a little later than the "Improved White Spine" we catalogue. Per lb., postpaid, 90 cts.; per $\frac{1}{4}$ lb., 28 cts.; per oz., 10 cts.; per pkg., 5 cts.

THORBURN'S COMMERCIAL PICKLING. (New.)

Mr. Thorburn states that "this is a fine strain of the White Spine type, retaining its dark green color long after pickling. This is corroborated by our tests while growing it on a large scale. Per lb., postpaid, \$1.25; per $\frac{1}{4}$ lb., 38 cts.; per oz., 20 cts.; per pkg., 10 cts.

NICHOLS' MEDIUM GREEN.

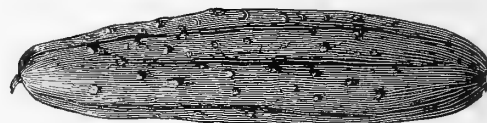


This comes as uniform in shape as Early Russian, though considerably larger than that variety. It is an excellent sort for pickles, and also good for early forcing. Color, dark green; flesh crisp; very prolific; and always straight, smooth, and handsome. Many of the larger pickle-growers who have tested it pronounce it a decided acquisition. Price, per pound, postpaid, 80 cts.; per one quarter pound, 23 cts.; per ounce, 10 cts.; per package, 5 cts.

GIANT PERA.

This cucumber has an elegant symmetry of form, and a clear smoothness of the skin, which make it very attractive to the eye. The flesh is crisp and tender, of excellent flavor, with very few seeds. They have been raised twenty-six inches in length, and to weigh from four to six pounds. Price, per oz., 10 cts.; per pkg., 5 cts.

TAILBY'S HYBRID.

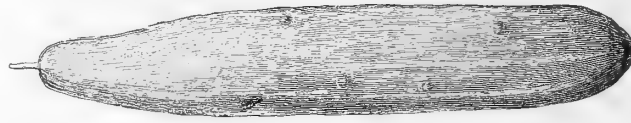


Mr. Tailby made this choice variety by his skill and perseverance in crossing the Early White Spine on one of the largest of the English frame varieties. In Tailby's Hybrid we have a perfect success in hardiness, as it proves to be equally hardy with our American varieties. In size it is longer than the White Spine, while it retains all the smoother beauty of its English parentage. Price, per pound, postpaid, 80 cts.; per ounce, 10 cts.; per package, 5 cts.

THORBURN'S EVERBEARING.

Says the introducer: "This entirely new and unique variety is of small size, *very early*, *enormously productive*, and valuable as a green pickler. The peculiar merit of this novelty is that the vines continue to flower and produce fruit until killed by frost, *whether the ripe cucumbers are picked off or not*, in which it differs from all other sorts in cultivation." Per pkg., 5 cts.; per oz., 10 cts.

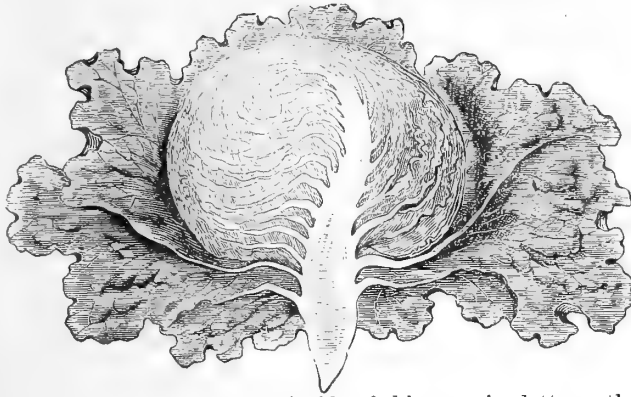
GIANT GERMAN.



As will be seen by the engraving, this is an enormously large and exceedingly handsome cucumber. Some of the specimens attain to the length of 25 inches! The white color is peculiarly clear and strong. For all who desire to raise the handsomest possible variety for exhibition purposes, we know of no sort which can give greater satisfaction than the Giant German. A customer in Georgia writes us that he grew one three feet long. Price, per oz., 50 cts.; per pkg., 20 cts.

LETTUCE.

THE HANSON. The most popular lettuce catalogued.



The above cut shows the inside of this superior lettuce, the heads of which grow to a remarkable size, and are sweet, tender, and crisp, even to the outer leaves. This variety is free from any bitter taste found in some sorts. It is not recommended for forcing, out for outdoor cultivation it is rarely equalled, if grown on ground well manured and well cultivated. Price, per lb., postpaid, \$1.50; per oz., 15 cts.; per pkg., 5 cts.

"Your seeds give satisfaction, especially the Hanson Lettuce. I had some heads that weighed three pounds, trimmed."

Monee, Hill County, Ill.

CARLE A. BUSCH.

"As to the Hanson Lettuce, you don't half praise it. I raised one plant that measured twenty-five and a half inches in diameter."

Bloomington, N. Y.

MRS. LOUISE, M. LENNON.

LARGE BOSTON LETTUCE.



This is a new, very large strain of White Tennis-Ball or Boston Lettuce excelling all other strains in size. The largest of all for forcing. Of great value to the market gardener. Per oz., 25 cts.; per pkg., 5 cts.

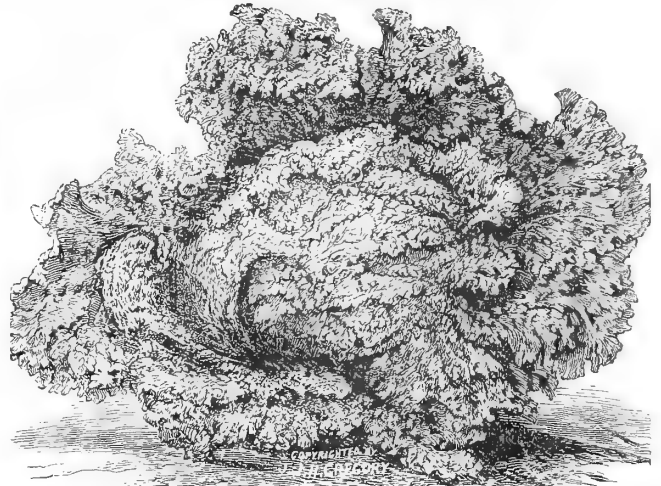
SUGAR-LOAF.



If you want a first-class, all-round family lettuce try this. Its habit of growth is such that while it branches out (growing under good cultivation, to ten or twelve inches in diameter) it also grows thick and high, thus making a large plant with plenty of heart. It is medium green in color, with a fine brown tinge. It is of excellent quality, and

does not quickly run to seed. We recommend it as being among the best of summer lettuces. Price, per lb., \$1.50; per oz., 20 cts.; per pkg., 10 cts.

MARBLEHEAD MAMMOTH CABBAGE.



This makes the largest head of all the lettuce we have ever raised, measuring eight inches in diameter across the solid head, or as large as a good Drumhead cabbage. Moreover, the heads were as distinctly defined, and were as closely wrapped together as are found in those of the average of Drumhead cabbage. The entire lettuce was eighteen inches in diameter. The leaves were lightish green in color. It ranks among the second early. In quality it is tender, crisp, and free from bitterness. As this lettuce, coming to us without a name, stands among its kind as the Marblehead Mammoth Cabbage does among its kind, the very largest heading of all sorts, we have concluded to name it the Marblehead Mammoth Cabbage Lettuce.

Mr. Meggatt, the well-known seed-grower, writes us: "Planted in my trial grounds, it proved a splendid summer cabbage lettuce; very large, a hard header, good quality, and very slow to run up to seed. I think it is equal to any cabbage lettuce I ever saw, and very much better than the most of them."

Price, per lb., postpaid, \$1.50; per oz., 20c.; per pkg., 10c.

New Hot-House Lettuce.

This new variety is especially adapted to greenhouse and hot-bed culture. It is a sure header, making larger heads than White Tennis-Ball and is not liable to rot. The seed was grown under glass. Price, per oz., 40 cts.; per pkg., 15 cts.

DENVER MARKET.

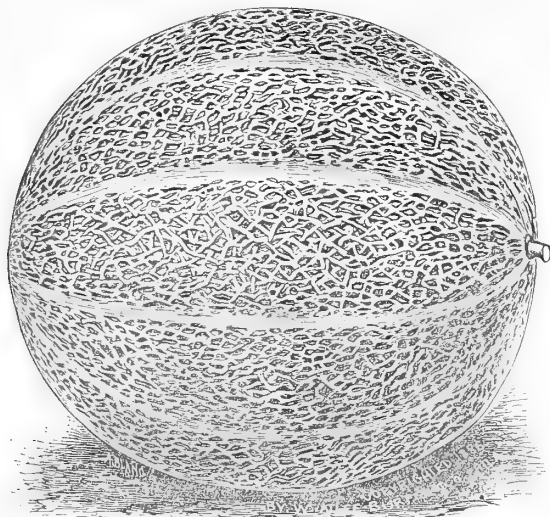
This on our grounds is what the introducer claims it to be, "an early variety of head lettuce, either for forcing or open ground. It forms large solid heads, of a good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy cabbages), are very crisp and tender and of excellent flavor. By these blistered leaves it distinguishes itself from any other kind of lettuce now grown. The shape of the head resembles somewhat the 'Hanson,' but is more oblong." Price, per oz., 20 cts.; per pkg., 10 cts.



In writing please give your Name, Post-Office, County and State.

MUSKMELONS.

CHAMPION MARKET.



This new claimant for public favor is claimed to be quite distinct from other varieties. It weighs from four to five pounds each. The flesh is light green in color, of a rich, sweet flavor. It is deeply ribbed and heavily netted. It is about three times the size of the Netted Gem. It has been sold in markets of New York at \$1.50 per barrel higher than the average of melons. It is said to be very productive. It is an excellent shipper and promises to make a first-class market variety. Whether it will surpass the Miller our patrons must judge. Price, per lb., postpaid, \$1.00; per 4 lb., 28 cts.; per oz., 10 cts.; per pkg., 5 cts.

GOLDEN NETTED GEM.

A new and most valuable acquisition. On our experimental grounds, side by side with several other sorts, we found it ripened as early as the earliest, and the whole crop considered decidedly the earliest of any of them. Green-fleshed, nearly round in form, very heavy for its size, flavor delicious. It is below the average size, *making it a better variety for family use than for market*, but is a tremendous cropper, yielding as many as twenty to a single hill. Price, per oz., 10 cts.; per pkg., 5 cts.

BIRD CANTALOUPE.

Mr. Bird claims for his new Cantaloupe Melon extreme earliness, large size, fine flavor, and good keeping qualities. The flesh is thick, light green in color, and of fine quality. They have been grown to weigh twenty-two pounds, measuring 34 by 38½ inches.

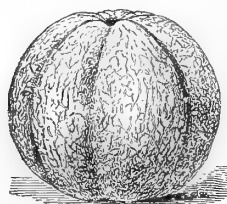
Mr. B. F. Battles, of Massachusetts, writes: "It is double the size of the Montreal cantaloupe and fully equal to it in flavor."

Price, per lb., postpaid, 80 cts.; per oz., 10 cts.; per pkg., 5 cts.

HACKENSACK.

Considered in New York the most popular variety of muskmelon for market. It attains a large size, is round in shape, flattened at the ends, is of a most delicious flavor, and wonderfully productive. Price, per lb., postpaid, 80 cts.; per pkg., 5 cts.

SILL'S HYBRID.



This has all the earliness and sweetness of the White Japan, but is more spicy and delicious. Very vigorous and productive. The flesh is of salmon color. No garden should be without it. Geo. W. Stetson, Barre, Mass., writes: "Growing your Sill's Hybrid Melon, I find it to be delicious in quality."

Price per lb., postpaid, 90 cts.; per oz., 10 cts.; per pkg., 5 cts.

THE MILLER CREAM.

This melon, which we were the first to name and catalogue, has deservedly become exceedingly popular, probably more so than any muskmelon now before the public. The best recommendation we can give for this queen of melons is the fact that the marketmen in 1886 bought up all the seed they could procure at \$5 per lb. It is a cross between those two delicious melons, Sill's Hybrid and Casaba, growing rather larger than the former. The flesh is of a rich salmon color, very sweet and melting in quality, and is so very thick that the melon is almost solid, the seed cavity being remarkably small. The rind is thin, slightly sutured, and but little netted. The vine is a strong grower, and productive. Tested side by side, it was not excelled in productiveness by any of the varieties in our experimental grounds.

Says Mr. Goff, of the New York Ag. Exp. Station: "It is extremely sweet, rich, and delicious, and very distinct from any other."

Chas. Purrington, Pequabuck, Conn., writes: "The Miller Cream is, without exception, the *very best* variety I ever raised; many of my friends pronounce it the best they ever ate, and I have a good many friends about the time melons are ripe."

✂ We will advise all our customers who like a *first-class* melon by all means to try the Miller. ✂

Price, per lb., postpaid, \$1.10; per 4 lb., 33 cts.; per oz., 15 cts.; per pkg., 10 cts.

SURPRISE.

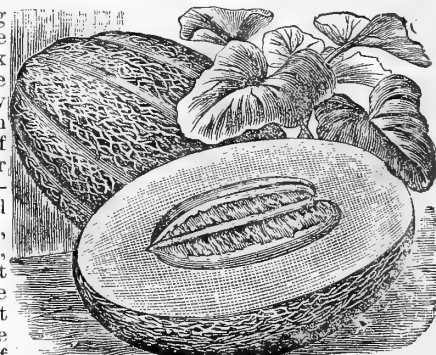
This new melon has a thin, cream-colored skin and a thick, salmon-colored flesh. Early, very productive, and of delicious flavor. Externally it resembles White Japan, *but grows to twice the size*. Price, per lb., postpaid, 80 cts.; per pkg., 5 cts.

BANANA.

✂ This melon surpasses all others in its delicious fragrance. None of the one hundred and seventy varieties of vegetables exhibited by us at the Essex Agricultural Society in the fall of 1883 created a greater interest than the Banana Melon. It is externally of a creamy-white or delicate straw color. Just under the outer skin the under one is seen, of a bright green color, while the flesh below (the melon being nearly solid) is of a rich salmon, making a fine and striking contrast when brought to the table. The quality is first-rate *when the melons are thoroughly ripe*. It grows from eighteen inches to two feet in length, and is very prolific. When ripe it reminds one of a large, overgrown banana, and, what is a singular coincidence, it smells like one, *having a remarkably powerful and delicious fragrance*. Price, per lb., postpaid, 80 cts.; per oz., 10 cts.; per pkg., 5 cts.

DELMONICO.

This has a taking name, that of the famous New York caterer, who may be supposed to know what a good melon is. The flesh is of an orange pink color of the same fine quality as the "Emerald Gem." Mr. C. O. of Waterloo, Neb., probably the largest melon grower in the world, writes us that Delmonico was the only muskmelon of uniform good quality with him in 1889. Price, per lb., postpaid, \$1.00; per oz., 10 cts.; per pkg., 5 cts.



COLUMBUS MUSKMELON.

Seedsman, in common with the rest of mankind, feel the moral obligation on them of honoring the Great Discoverer, hence we have the Columbus Muskmelon. We much regret that our plants of this variety, taken from our cold frame, failed to root. We must depend on Mr. Livingston for a description of it: of good market size; skin, a bright, glossy yellow color when fully ripe, and is nearly hidden by the very thick whitish netting. Its GREEN FLESH is very deep, leaving only a small seed cavity. The QUALITY IS ALL THAT CAN BE DESIRED, as will be observed by reading the testimonials below. IT NEVER WAS KNOWN TO BURST OPEN AT EITHER END. From the above considerations we are confident this melon will prove to be the greatest acquisition in many years.

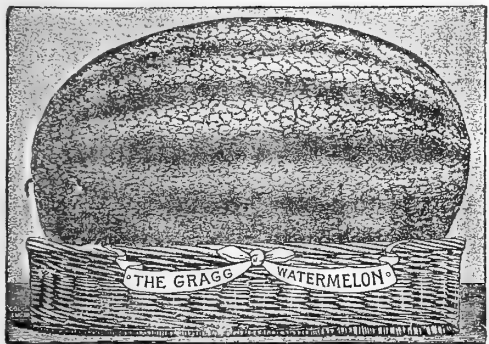
Mr. Daniel Entire, President of the First National Bank of Oregon, Ill., writes: "I have been supplied with Columbus melons by Mr. Beck for the last two years, and I must say I have never found such melons anywhere. We used them every meal, and they cannot be recommended too highly."

Mr. L. V. Runery, of Runery & Farral, grocers, Oregon, Ill., writes: "I have used the Columbus Muskmelon for the past two or three years, and think it the best melon I have ever seen, and can recommend it to give satisfaction in every respect."

With such indorsements of its merits we have all a right to expect to find an extra good melon in the Columbus. Per lb., postpaid, \$1.25; per oz., 15 cts.; per pkg., 10 cts.

MONTREAL NUTMEG.

This has been raised to weigh over thirty pounds. Exceptionally uniform in shape; netted; flesh, green; quality, very good for so large a variety. Price, per oz., 10 cts.; per pkg., 5 cts.

WATERMELONS.**THE NEW CRACK.**

A new and very distinct variety in both inside and outside appearance. Color dark green with alternate stripes of lighter green, the whole being covered with a delicatetracery of dark veins. The flesh is of a delicate salmon tint, which

makes it exceedingly handsome and tempting. Flesh sweet, juicy, and melting, with a rich flavor peculiar to itself. Wherever grown it has called forth the highest praise for its new and distinct appearance, its earliness, its hardiness, and great productiveness. Large, oblong, just about the right size for marketing. Several weeks earlier than Ice Cream. Price, per lb., postpaid, 95 cts.; per oz., 10 cts.; per pkg., 5 cts.

RUBY GOLD.

These vary in external color, part being light striped and part dark, and there is also some varying in the color of the flesh, but all are exceedingly elegant, being mostly an admixture of the two colors, ruby and gold, which has a rare ornamental effect. They grow to a good size and are very sweet and of excellent quality. Price, per oz., 10 cts.; per pkg., 5 cts.

GREEN AND GOLD.

When this was put on the market we believed it to be the same as the "Golden-Fleshed," which we introduced several years ago; but, on trying it on our own ground, we find it entirely distinct. The color just below the skin is of the richest golden-orange. In sweetness and flavor it is simply delicious, certainly not surpassed by any red-fleshed variety we have ever eaten. This melon grows to weigh from twenty to forty pounds and ranks among the very earliest. Its rich golden color will make it most desirable as an ornament for the table, especially if arranged in contrast with the common sorts. It is, unquestionably, an acquisition. Price, per lb., postpaid, 80 cts.; per ¼ lb., 23 cts.; per oz., 10 cts.; per pkg., 5 cts.

EMERALD GEM.

This new melon is of the Christiana type, small in size, very early; in form it is flat-round. The flesh is of a deep orange color, and very thick, the seed cavity being exceptionally small. They are very sweet and the flavor is delicious, the melons being uniformly good; they are very uniform in appearance. Price, per lb., postpaid, \$1.00; per oz., 10 cts.; per pkg., 5 cts.

EXTRA EARLY HACKENSACK.

This was obtained by selection from the Hackensack, and is several days earlier. Thorough trial has proven it to be one of the best and earliest of the netted varieties. Price, per lb., postpaid, \$1.00; per ¼ lb., 30 cts.; per oz., 15 cts.; per pkg., 5 cts.

IRON DEQUOIT.

This appears to be an enlarged Miller Cream melon, growing to twelve or fifteen inches in diameter. It appears to have the exquisite, nectar-like flavor of that fine variety and the external characteristics. If it will stand squarely up to what is claimed for it, then it is indeed an acquisition, for the Miller quality of melon, of which we are rather proud to have been the original introducers, is one of the good things we can never have too much of. Price, per lb., postpaid, \$1.00; per oz., 10 cts.; per pkg., 5 cts.

Our friends have neighbors and friends. If such neighbors and friends own a farm or have a garden, will our friends kindly send us their address?

VICK'S EARLY.

Of medium size, oblong and smooth; flesh, bright pink (resembling closely the Southern varieties), solid and sweet. We consider this one of the best of early watermelons. Price, per lb., postpaid, 80 cts.; per oz., 10 cts.; per pkg., 5 cts.

FLORIDA FAVORITE.

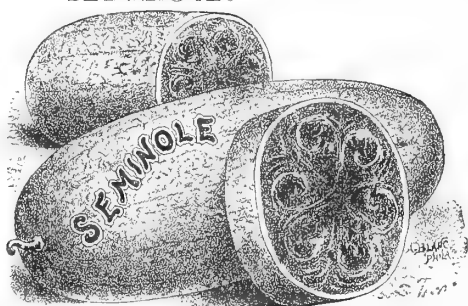
Mr. Girardeau, of Florida, who originated this new variety, thus describes it: "In shape it is oblong; in coloring, green and white stripes blended; flesh, light crimson, crisp, and deliciously sweet, ripening ten days earlier than Rattlesnake, Kolb Gem, and Iron-clad, all having been planted at the same time." He considers it the finest table melon extant. Seeds rather small and of a creamy-white color. Price, per lb., postpaid, 80 cts.; per oz., 10 cts.; per pkg., 5 cts.

DARK ICING.

One of the best of all melons, possessing a delicious flavor. There are two varieties, — a light and a dark skinned, — differing in color only. Price, per lb., postpaid, 80 cts.; per pkg., 5 cts.

SEMINOLE.

This new melon originated in Florida, the land of melons as well as flowers. It sports from gray to green in color, but all are of the same size, shape, flavor, etc. It is said to possess four distinguishing qualities: it is extra early, extra



large, enormously productive, and of most delicious flavor. Personally, we have not had an opportunity to test it, but the testimonials, from which we select three or four, from Monticello, Fla., indorse it very highly: —

"I pronounce your 'Seminole' a perfect melon in every respect."

R. C. PARKHILL, Clerk County Court.

"Have never tasted a finer melon than your 'Seminole.'"

J. S. DENHAM, Mayor.

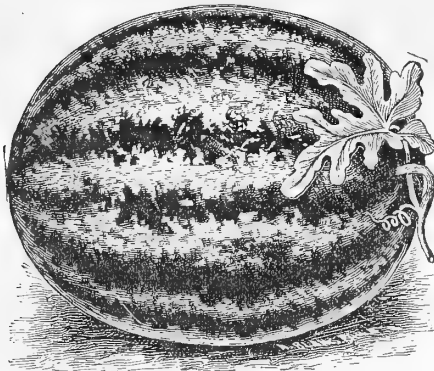
"I have never before seen so large a melon of such delicious flavor as your 'Seminole.'"

T. M. PULESTON, County Judge.

"I think your 'Seminole' is far superior to all other varieties you grow."

D. S. BRID, Sheriff.

Price, per lb., postpaid, 90 cts.; per ¼ lb., 28 cts.; per oz., 10 cts.; per pkg., 5 cts.

WATERMELONS — Continued.**KOLB'S GEM.**

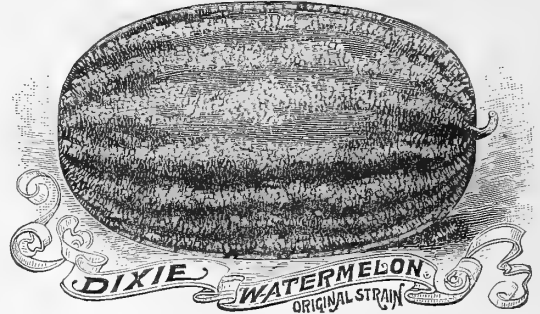
and grows to weigh from twenty-five to fifty pounds. Price, per lb., postpaid, 75 cts.; per oz., 10 cts.; per pkg., 5 cts.

This is largely grown in the South for shipping to Northern markets, and has proved to be one of the best shipping melons known, as it has a very tough skin and will stand transportation better than most kinds. The flesh is of a bright-red color, and it ranks high for flavor. It is round in shape, striped with light green

RED-SEEDED VAUCLUSE.

The bright red seed of this melon, in contrast with its brilliant red flesh, gives it a beautiful appearance on the table. It grows to a fair market size, is early, and a good shipper.

Color of skin dark green, threaded with a still darker green. Price, per lb., postpaid, 95 cts.; per oz., 10 cts.; per pkg., 5 cts.

DIXIE.

A new Southern variety, which is said to surpass the famous Kolb's Gem as a shipper, and to be unexcelled in quality and productiveness; highly recommended by various growers for hardiness, quality, and productiveness. One realized \$200 per acre; another got \$30 to \$40 per hundred; a third declares it the best in his thirty years of experience; a fourth counted a dozen ripe to a hill, and a fifth took first premium at the Illinois fair. Price, per lb., postpaid, 95 cts.; per oz., 10 cts.; per pkg., 5 cts.

SUPERIOR ONION SEED.

(See prices on page 45.)

As a rule red onions are of superior table quality.

For full directions for raising Onions, see our Treatise on Onion Growing — sent to any address for 30 cents.

PEDIGREE ONION SEED.

We still continue to raise our pedigree strain of onion seed of the various kinds, by which we mean seed grown from most carefully selected, hand-picked onions. We send the men over the beds after the onions are pulled, raked in winnows, and dry enough to house, on their hands and knees to select out the driest and therefore the earliest, the thickest, hardest, and best-shaped onions, all to be of good market size. We thus get the very cream of the crop, and from these raise our seed. We have a right to claim that seed raised from such onions is decidedly superior to the great mass of seed to be found in the market, which we know is raised either from very small, refuse onions, or large, coarse ones, or from such onions as the seed grower chances to have on hand — either of which tends to produce an inferior stock of seed. No experienced market gardener would plant such seed, even were it given to him. We would invite any onion planter to visit our seed farms, at Howes' Station, Mass., and examine our seed onions, and we shall be much mistaken if we cannot show him by the thousand bushels the handsomest lot of seed onions to be found on any seed farm in the United States.

An observing, intelligent farmer claimed that earliness, reliability for bottoming, smallness of neck, can be as thoroughly inbred in an onion as capacity to transmit her good qualities can be inbred in a cow or in any class of animals. What is

possible to attain to in this matter our customers find in our onion seed, as shown in the extracts from letters given below.

An axiom that every onion grower soon learns: "Cheap onion seed is always dear."

Mr. Ettore Tassinari's crop (see copy from photograph on outside cover).

Mr. Tassinari writes us: "I have the pleasure of telling you that specimens of Danvers Globe raised from your seed took the first prize at the annual fair of the State Horticultural Society. From the piece planted to your seed, $\frac{1}{4}$ acres, I raised 1434 bushels, both onions and land having been accurately measured. I have been well pleased with all the varieties of seed I had from you, drawing prizes and gratuities from a number of varieties exhibited."

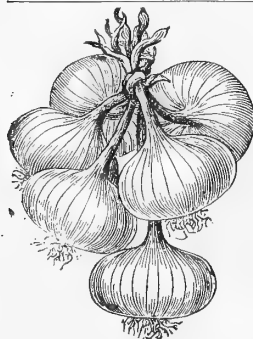
R. N. Howe, Golden, Ia., writes: "I stated in my order last year that I intended to beat Del. Co. on onions raised from your seed, and I fully succeeded. I raised at the rate of eight hundred bushels per acre, and but for excessive dry weather would have reached one thousand."

Jacob Reist, Conestoga, Ont., writes: "I have never raised a variety of onion that suited me as well as your Early Red Globe Danvers, as to its earliness, bottoming, and flavor."

Jas. C. Young, Newmarket, N. H., writes: "I sowed one half-pound of your Yellow Danvers onion seed on one sixteenth of an acre of measured land and raised sixty-one and one fourth bushels of as fine onions as I ever saw."

E. A. Garrett, St. Paris, O., writes: "I raised from one third pound of your Southport White Globe onion seed one hundred bushels. When pulled they looked like so many white turnips."

Arthur B. Doolittle, Wallingford, Conn., writes: "The onion seed received from you last year was the best I have ever had. It came up the evenest of any I have ever planted. I raised two hundred and thirty bushels from one quarter of an acre. They were the finest onions that I have ever seen, and not over a peck of small ones on the entire piece."

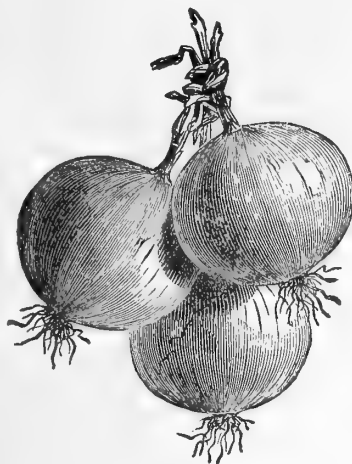
WHITE BARTLETTA.

The earliest of all varieties of the onion family. The distinguishing quality of this variety is its great earliness, as also its beautiful white nacreous color. Earlier than the White Queen, it is about $1\frac{1}{4}$ inches in diameter, and $\frac{3}{4}$ inch thick, with a flat top and a prominent base. Its earliness cannot fail to make it a favorite in every garden. Bulbs raised from the seed sown will mature just about as early as those raised from sets. Price, per lb., postpaid, \$2.50; per oz., 25 cts.; per pkg., 5 cts.

EARLY RED GLOBE DANVERS.

This variety, though it has had the name "Globe" given it, is a thick, flat, rather than round onion. There are several kinds of Early Red Globe Onion seed before the public; but in our trial grounds we have found no one of them equal in bottoming, earliness, and cropping qualities to our Early Red Globe Danvers. This onion is not as well known as it ought to be; it ripens two weeks earlier than Red Wethersfield. Scallions are almost unknown when grown from carefully selected seed stock, it being as reliable for bottoming well as Winnigstadt cabbage is to make a head. Price, per lb., postpaid, \$2.50; per oz., 25 cts.; per pkg., 10 cts.



EXTRA ROUND YELLOW GLOBE DANVERS.

There are several strains of the Danvers Onion; beginning with an onion but slightly thicker than the old flattish Strasburg, they may be graded all the way to a strain that is about as round as a boy's ball. As some of our customers have expressed a preference for the extreme type, we have this season raised a limited quantity, some of the seed from the handsomest specimens in our crop of seven hundred and sixty-two bushels to the acre. This is undoubtedly the heaviest cropper of all the varieties of Danvers Onion, some of our neighbors having raised eleven hundred bushels to the acre.

It has the one drawback that it requires the highest manuring to perfect it (from twelve to twenty cords of strong manure), otherwise it will produce a larger per cent of scallions than the common strains. Heavy manuring makes all strains of Danvers Onions grow thicker and rounder. Price, per lb., postpaid, \$3.00; per ¼ lb., 98c.; per oz., 30c.; per pkg., 10c.

Early Round Yellow Danvers.

The Danvers Onion excels in earliness, and commands, usually, a readier sale and higher price than the red sorts. By years of careful selection, it has been improved, and is one of the handsomest of onions. It does best on a gravelly loam, making harder and brighter colored bulbs than on heavy, dark, or mucky soil, besides keeping better.

If to be raised on muck, the land should first receive two hundred loads per acre of gritty soil. If the land is in onions for the first time, plant half a pound of seed extra. Price, per lb., postpaid, \$2.50; per oz., 25 cts.; per pkg., 10 cts.

A. J. Trask, Waldoboro, Me., writes: "From two ounces of your Early Round Yellow Danvers Onion I grew 35 bushels of fine bulbs."

**EGYPTIAN, OR PERENNIAL TREE ONIONS.**

When once set out, without the slightest winter protection, it will come up year after year, as soon as frosts break ground, and grow so rapidly that it is ready for market or home use two or three weeks before any of them. The bulbs are not round, but irregular, just like those we get called "rare-ripes" by setting out old onions in

the spring, and are larger the second year. For family use it is unsurpassed for sweetness and tenderness. The young sets grow on top of the stalks, like tree onions. These should be planted in the fall. They will be sent out in August or September, as soon as ripened. Price, per qt., postpaid, 42 cts.; per express, 30 cts.; per pkg., 10 cts.; per peck, per express, \$1.25; per bush., per express, \$1.00.

LARGE FLAT WHITE ITALIAN.

We have always hesitated to recommend to our customers the large varieties of foreign onions over which some of our fellow-seedsmen use such big adjectives, simply because in our numerous tests of them, made every season, we find that most of them are very coarse and tend largely to run to scallions, while others that bottom pretty well evidently need to be planted as sets to attain to any great size. This season we find in a special strain of Large Flat White Italian a decided acquisition of *real practical value to the onion grower*. There is no coarse, "six-pound" nonsense about it; but our customers will find it to be an extra large, extra early white onion, that bottoms down well and is nearly entirely free from scallions. It is as early as the Danvers, and we do not see why it may not replace the Portugal and all the early white sorts as an early onion for bunching. Like all the other large onions, it is not as good a keeper as the average varieties, such as Danvers and Large Red. Its sphere is as a fall onion. For the purpose it is *decidedly an acquisition*. Every garden should have a bed. Price, per lb., postpaid, \$2.00; per ¼ lb., 58 cts.; per oz., 20 cts.; per pkg., 5 cts.

SOUTHPORT WHITE GLOBE.

As white and handsome as a newly made snowball; sells at a higher price than other sorts. Too late to grow safely north of Connecticut. To get a very white onion, pull just as they begin to go down, and dry in an airy and shady place. Price, per lb., postpaid, \$3.50; per oz., 35c.; per pkg., 10c.

SOUTHPORT LATE RED GLOBE.

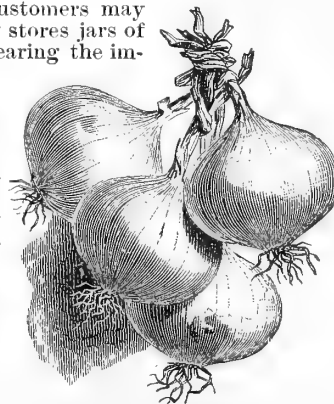
Very popular in the markets of New York; it measures better and sells at a higher price than Red Wethersfield. It is late, and we do not recommend it for farmers who live north of Southern Connecticut. Let such try our new variety, the Early Southport Red; for description see page 26. Price, per lb., postpaid, \$2.25; per oz., 20 cts.; per pkg., 5 cts.

WHITE DUTCH EARLY ROUND HARD PICKLING.

Perchance many of our customers may have noticed at their country stores jars of small round pickled onions bearing the imprint of Crosse & Blackwell, London.

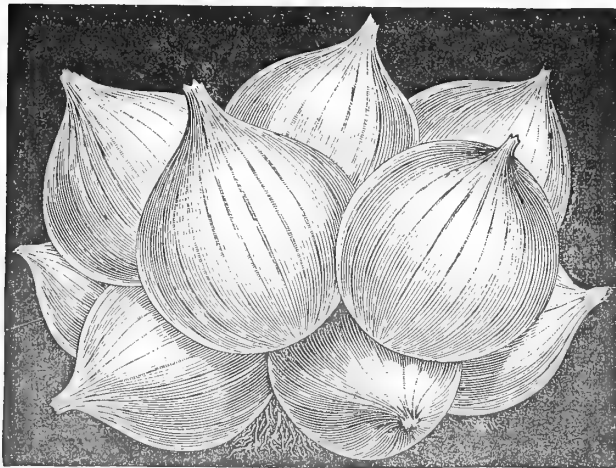
These were the White Dutch—the beau-ideal of a pickling onion, small, round, hard and white, surpassing every other variety for this purpose. *It is the only one used in the immense pickle factories of England and France.*

This variety needs to be planted thickly, at the rate of 30 lbs. per acre, to produce the small pickling size. Price per lb., postpaid, \$2.50; per oz., 25 cts., per pkg., 5 cts.



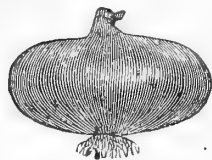
SUPERIOR ONION SEED—Continued.

WHITE MULTIPLIER ONION SETS.



This new extra early and extra hardy onion is of pure silvery-white color, enormously productive, sometimes producing as many as twenty bulbs in a single cluster; of excellent quality and size for bunching green, or can be ripened for use as a pickling onion. Its keeping qualities are remarkable—having kept perfectly sound for a year. The largest of the sets, if allowed to grow through the summer, make an onion of fair size, which divides when ripening in the fall, multiplying liberally for another year. For earliest Northern shipment from the South it is a profitable crop. Price, per peck, express at purchaser's expense, \$2.25; per qt., postpaid, 52 cts.

LARGE RED.



This is the famous old stand-by, which perhaps is more extensively raised than any other sort. It is hardy, later than Danvers, and has not been bred to make as handsome an onion. The Reds are sweeter onions to eat than the yellow sorts, but do not look so inviting when cooked. In the Northern markets they do not sell as readily as the Danvers. Price, per lb., postpaid, \$2.00; per oz., 20 cts.; per pkg., 5 cts.

THE EARLY CRACKER.



Is the earliest of all our yellow sorts, of superior quality, and, like the Early Flat Red, is an excellent kind to raise where the seasons are short. Price, per lb., postpaid, \$2.50; per oz., 25 cts.; per pkg., 10 cts.

A NEW ONION.

SOUTHPORT EARLY RED GLOBE.

After spending thirty years in testing every new variety of onion, we thought we knew all of our American sorts to perfection, but three seasons ago we encountered a surprise, a globular red onion, in shape like the round Southport, but instead of being late, like that variety, *this proves to be as early as the Danvers or Early Red Globe.* Every onion raiser admires the Southport strains of onions, which always bring an extra price in the market, but the defect with them is they are too late to be relied upon to ripen north of Southern New England. Now here comes a new variety which is so early that it can be planted with safety wherever the Danvers will mature. This new onion, which we catalogue as Southport Early Red Globe, differs from our standard Early Red Globe in being much rounder. Hardly as good a keeper as the Red Globe, it is excellent for fall and early winter use.



Writes Mr. H. N. Wixson, Mason, Mich.: "Your Southport Early Red Globe Onion is the best red I have ever grown. I want more of it." Jesse Moffit, Liberty Hill, Conn., writes: "The Southport Early Red Globe Onions were perfect beauties, round as a ball and uniform in size."

Mr. Little, of Newbury, an old onion raiser, is enthusiastic in its praise. He tells us that he never raised a red variety that would compare with it; it was a capital cropper, remarkably early, and bottomed first rate, and made a very handsome onion.

Price, per lb., postpaid, \$2.50; oz., 25 cts.; pkg., 10 cts.

The farmer who plants Golden Champion Pole Beans will invite his neighbors to see the crop.

PRIZE TAKER.

This is one of the best of the huge foreign varieties, that will at the North give more or less of large onions, of more value to look at and draw the eye of the crowd at the annual fair than to be depended on for real, practical use, but they appear to be better suited for the Middle and Southern States, as the yearly percentage of increase of sales in these sections plainly shows. They bottom well, are free from stiff necks, and when offered for sale always attract marked attention, as the variety is without doubt the largest onion grown, samples under special culture often weighing five pounds. We offer this season American-grown seeds of the variety. Price, per lb., postpaid, \$3.00; per ¼ lb., 98 cts.; per oz., 30 cts.; per pkg., 10 cts.

PRICES OF ONION SEED. (See also page 45.)

We offer onion seed this year at the following rates:

	Per lb.
Early Round Yellow Danvers (our own raising).....	\$2.42
Early Round Yellow Danvers (our own raising) 10 to 25 lbs.....	2.17
Extra Round Yellow Globe Danvers.....	2.92
Extra Round Yellow Globe Danvers, 10 to 25 lbs.....	2.67
Early Red Globe Danvers (all our own raising).....	2.42
Early Red Globe Danvers (all our own raising), 10 to 25 lbs.....	2.17

The above quotations are per express or freight at purchaser's expense. If ordered by mail, remit 8c. per lb. for postage. No discount allowed on these rates.

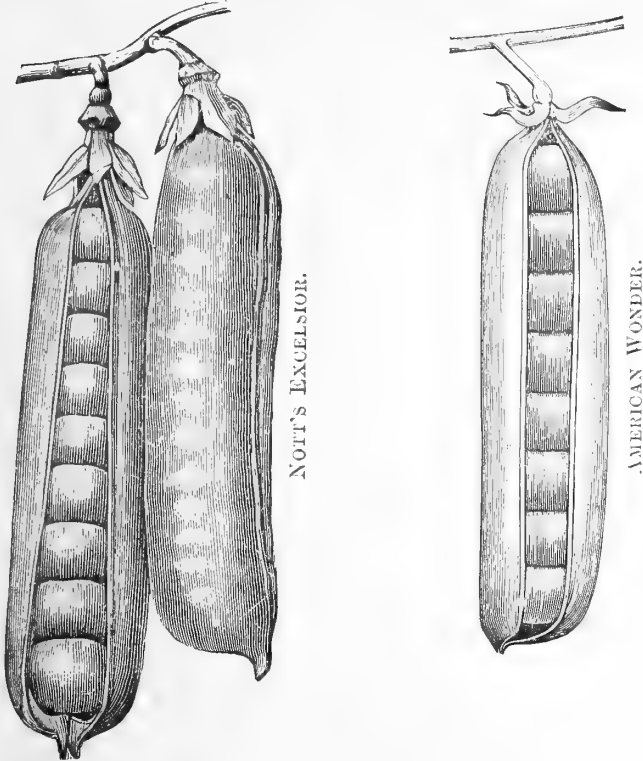
	Per lb.
Early Yellow Cracker.....	\$2.42
Early Flat Red.....	2.42
Southport Late Red Globe.....	2.17
Southport White Globe.....	3.42
Southport Early Red Globe.....	2.42
Southport Early Red Globe, 10 to 25 lbs.....	2.17
Wethersfield Large Red.....	1.92

HONEST SAGE AND MUSTARD.

My wife for years has not been able to find in the market the good old-fashioned Sage, with its good green color and strong sage flavor. What she finds is a dirty-colored article, with scarcely any strength to it, and when for this reason an increased quantity is used, it gives a bitter taste to the dressing. We have recently found a young man who is putting up sage in the good old-fashioned way, using the leaves without the coarse stems, and drying and grinding these by a more laborious process; but by it he is enabled to retain the good green color, and, what is more important, the strong sage flavor. He is also putting up ground mustard in the same honest way, giving a thoroughly pure article of full strength, whereas that in the market is generally adulterated with Indian-meal or horse-radish, with some coloring substance added. He puts up his mustard and sage in tin boxes. The mustard weighs four ounces without the box. We can send these to such of our customers as want a pure article, at 12 cts. a box for the sage, and 18 cts. for the mustard, postpaid by us; or for 10 and 14 cts. respectively, when either by express or freight, and 2 cts. less per box of each, either way, where a dozen of each is taken.

PEAS.

NOTT'S EXCELSIOR.



THE MOST VALUABLE OF ALL THE WRINKLED DWARF PEAS.

THIS HAS COME TO STAY!

As early as the American Wonder, while the pods are larger, fully as well filled, and there are more of them. The cut represents just about the comparative size of the pods of American Wonder and the Excelsior. Were we to follow the fashion of the day, we might make one as large again as the other, but there has been altogether too much humbug along this line; we propose to give facts only. It grows half taller than the American Wonder, and is a much heavier cropper. Our farmer friends should be sure to give this new pea a careful trial, for we feel sure that it has come to stay as the standard early wrinkled pea.

In a comparison made on our own grounds between the American Wonder and Excelsior, we found that under the same conditions the Excelsior yielded one quarter more, in shelled peas one fifth more, and in weight of peas one third more.

The *Rural New-Yorker* says that while the Little Gem surpasses the American Wonder in productiveness, the Excelsior is "far more productive than the Little Gem"; that the pods are larger than those of Premium Gem, the Excelsior being "within a day or two as early as the first early smooth pea."

William Monroe, of Beverly, Mass., one of the best of gardeners, writes: "Growing side by side at Gregory & Son's experimental grounds were Nott's Excelsior and American Wonder peas, and while the former were just as early as the latter, the Excelsior was far ahead in the size and number of pods. I ordered a supply for next year on the spot."

Mr. Geo. Buchanan writes: "I found these peas a very distinct, pure sort, with many marked excellences over American Wonder, Tom Thumb, Premium Gem, Advancer, etc."

D. C. Hicks, No. Clarendon, Vt., writes: "The Nott's Excelsior is a fine pea, and must eventually take the place of the American Wonder, which it outranks at all points."

An extensive market gardener writes: "They are certainly the earliest wrinkled pea I have ever raised, and I have tried nearly all the different kinds. They are a very distinct variety, early, hardy, productive, and of extra fine quality."

We believe that, where sufficient stock can be obtained, within five years the Excelsior will take the place now occupied by the American Wonder. Being every way a better pea, why should it not?

Price, per qt., postpaid, 80 cts.; per pkg., 10 cts.

THE DELICIOUS.

In quality the "Delicious" belongs at the head of the list. It requires thicker planting than most sorts, and should not be put in the ground as early as the hard peas by ten days. The true strain will always show a per cent of a smaller variety in the blood of it.

Mr. P. A. Johnson, Tioga County, N. Y., writes: "As to sweetness and richness, they are far ahead of any pea I ever saw. If I could not get an additional supply, I would not take ten dollars a quart for them."

Write Messrs. Northrup, Braslan & Co., seed-men of Minneapolis: "It is of very robust habits, the peas of large size and of very superior flavor, and the pods well filled."

Writes W. H. Grenell, of Adams County, who raises thousands of bushels of many varieties for seed purposes: "I think this pea something extra; it is very sweet, and of fine flavor."

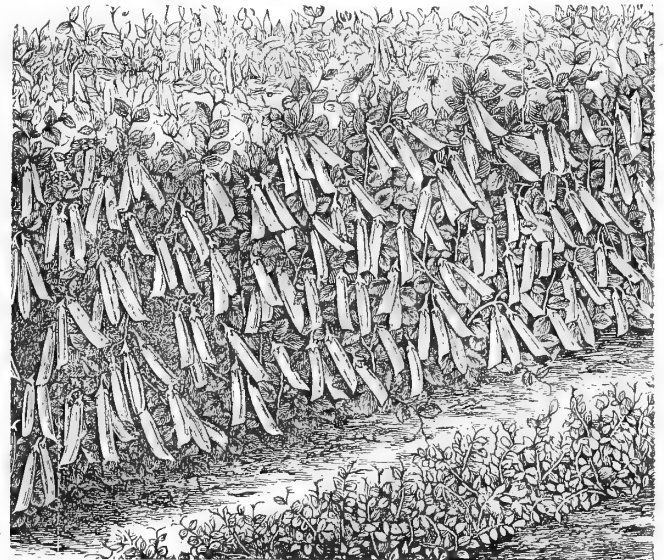
Price, per qt., by mail, 40 cts.; per pkg., 10 cts.

THE MARBLEHEAD EARLY MARROWFAT.

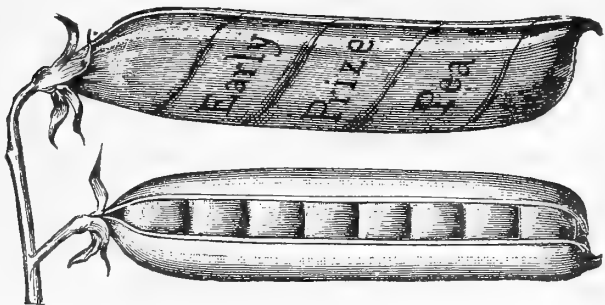
We will venture to say that every one of our customers who raised this Marrowfat pea last season had a heavier crop from it than from any other variety they grew, it matters not how many kinds there were; and, further, that they got more pickings from it than from any other. This was our own experience. Having raised it on a large scale, we are ready to endorse the first six of the points made by the farmer from whose hand we received it. He writes:—

"1. With ordinary cultivation it will outyield any variety. 2. I will do better than any variety on thin land. 3. It remains a long time in bearing. 4. Its large well-filled pods make it very valuable as a market gardener's pea. 5. The quality is first-class; so all who have eaten it testify. Picked early, they are as sweet and delicious as Little Gem or American Wonder. 6. It is an extra strong grower. 7. It will stand drought better than any other variety."

The seventh point we have as yet had no opportunity to determine, but as the vines are remarkably vigorous the fact is probably as he states. The well-known editor of the *Rural New-Yorker*, Mr. Carman, who is one of the most extensive experimenters with new varieties, makes the statement: "Pods large, often containing eight peas. Vines immensely strong; remains in bearing a long time. Comes in after the earliest. First picking July 1; a fine kind." Pea growers will please note that while our old-fashioned Marrowfat has been among our latest peas, this new variety, in addition to its other excellent traits, follows close after the earliest sorts. Price, per peck, per express or freight, \$1.75; per qt., postpaid, 50 cts.; per pkg., 10 cts.



Who that now eats a Hubbard or a Pike's Peak Squash would wish to go back to the old days of pumpkins for the sake of pumpkins—but some pumpkins, notably the new Sugar and the newer Gibson, are a big advance in quality over the old varieties. Try them.

PEAS—Continued.**MR. REED'S NEW EARLY PRIZE.**

A cross between Tom Thumb and the Advancer. Grows eighteen inches high, being slightly taller than Premium Gem, and, while equally early, it is decidedly a better cropper than either that or Tom Thumb. Pod large, heavy, and well filled; also equal to the wrinkled varieties in sweetness and flavor; it can be planted earlier than these without danger of rotting. Its combination of earliness, dwarf growth, yield, and quality, with the large size and good filling of the pod, insures its future.

Writes Mr. O. H. Alexander, the well-known pea-grower, of Vermont: "Having tested Early Prize this season by the side of eighty varieties from all parts of the country, I consider it in all respects one of the best varieties in America."

Price, per bush., per express or freight, \$5.00; per peck, \$1.50; per qt., per express, 25 cts.; per qt., postpaid, 40 cts.; per pkg., 10 cts.

AMERICAN WONDER.

This American pea is now so well known it hardly needs to be described. It is of excellent flavor, productive, and as early as the earliest of the wrinkled varieties. Fifteen pods have been counted on some vines, and nine large peas in some of the pods. The vine grows from six to twelve inches high, according to the soil and season. The rows need not be more than two feet apart. Price, per bush., \$7.00; per qt., postpaid, 50 cts.; per pkg., 10 cts.

TELEPHONE.

A tall, wrinkled marrow, of the best quality, a strong grower, and very productive. The pods are of the largest size, and contain from six to seven large peas. The rich, dark green color of the pods makes this pea *sell well* in the market; hence it has become very popular with farmers and gardeners. This and the Stratagem, with its large pods, will grow more or less small ones; this is characteristic of the pure stock.

HANCOCK.

Many of our fellow-seedsmen send out an extra early pea bearing their own name; though, as has been shown at some of our experimental stations, there is no difference between the various kinds in earliness, yield, or any essential characteristic of a first-class early pea. Still, there is a good argument for this, for all very early peas tend to deteriorate, and those seedsmen sending out one bearing their own name are, therefore, compelled to look closely after it, and keep it true, by which the public are decidedly the gainers. Were we to "follow suit," we should select either the Hancock or Bergen Fleetwing as the extra early.

Messrs. Northrup, Braslan & Goodwin, the seedsmen, write us as follows: "We had in our trial grounds nearly forty samples of extra early varieties of peas, as supplied by the leading seed-houses of America and Europe. Among these the Hancock was noticeable as to earliness, size of pod, and productiveness."

Bliss's Abundance.

A new wrinkled variety, about a week later than the American Wonder, bearing large, well-filled pods, containing about seven peas each. Plant grows to from fifteen to twenty inches in height. Excellent quality and very productive; branching habit. Price, per qt., postpaid, 40 cts.; per pkg., 10 cts.

KING OF THE DWARFS.

We find that this variety grows a little taller than Little Gem, and that it is a day or two earlier. It is a very sweet, wrinkled pea, a vigorous grower, and great bearer. Pods of average size. Price, per qt., postpaid, 50 cts.; per pkg., 10 cts.

McLEAN'S ADVANCER.

This old standard still remains a fine variety to follow after either of the early varieties, coming to market in season for the Fourth of July dinner, and bringing Fourth of July prices. Price, per qt., postpaid, 40 cts.; per pkg., 10 cts.

Dwarf Champion.

First class as a variety to follow the Advancer; very healthy and vigorous. This is another favorite with the market gardeners of Long Island, where it is sometimes sown Aug. 1, as a second crop, being less liable to mildew than other sorts. Pods and peas large, quality very sweet and rich. Price, per qt., postpaid, 45 cts.; per pkg., 10 cts.

BERGEN FLEETWING.

We have raised this new extra early variety on a large scale and are exceedingly pleased with it. The head picker says: "The Fleetwing yielded better than any of the early hard peas, including the Alaska and First of All." We have raised these at the rate of 225 bushels to the acre. It is deservedly a great favorite with the market gardeners of Long Island. Pods and peas of good size; vines, two and a half feet.

A. G. Case, Simsbury, Conn., writes: "The Bergen Fleetwing peas yielded enormously."

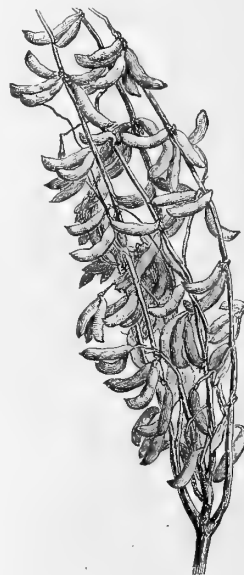
Hosford's Market Garden.

Of this pea, in our note-book, made a few seasons ago on our experimental garden, in which we test all new things, comparing them with standard sorts, we find the following entry: "A tremendous cropper, excelling, with a single exception, every one of the forty-five varieties on trial; pods as long as Advancer, and as well filled. It grows nearly as tall as Advancer, but is a better cropper." At the Ohio experimental station, tested with twenty-eight of the leading varieties, twenty-five plants of each kind were carefully harvested, the pods and peas counted, and the total product of each weighed. The result was, that the shelled peas of the Market Garden weighed nearly twice as much as the heaviest cropper of either of the other varieties, while the number of pods on the twenty-five plants were considerably more than double the average of the twenty-eight varieties with which it was tested. Grown by ourselves, on a large scale, we find that it leads, in bushels of green peas, any of the medium early sorts. The seeds should be planted from three to five inches apart in the drill. Price, per bush., per express, \$4.50; per peck, \$1.25; per qt., postpaid, 40 cts.; per pkg., 10 cts.

SOJA OR SOYA BEAN.

The "American Coffee Berry."

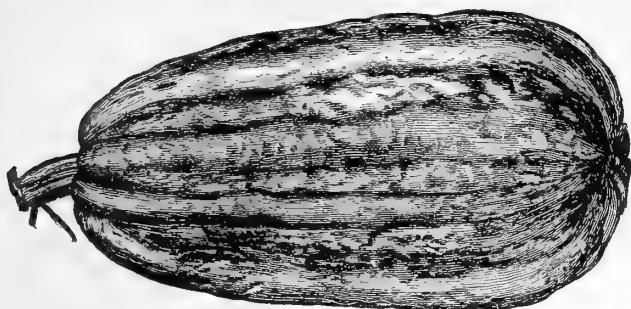
Under this name this Japanese bean is being sold in the West at fabulous prices. It does not even belong to the coffee family of plants, still it is a fact, as we find by actual test, that when roasted and coarsely ground it tastes so nearly like Brazilian coffee the difference is scarcely perceptible. It certainly is the best of all substitutes for coffee yet found, and as there is nothing injurious about it, it being, on the contrary, the most nutritious of all vegetable products, and as it can be raised almost anywhere where corn will mature, and yield from twenty to thirty bushels per acre, I believe that the time is not far distant when it will be quite generally raised as a substitute for the cheaper varieties of coffee. Like clover, it is a nitrogen collector. Some of the taller varieties give great promise of value for ensilage purposes, and the extraordinary richness of the seed makes them an excellent home substitute for cotton and linseed meal for feeding purposes. Cows are very fond of the ground beans. Price, per peck, per express, \$1.25; per qt., postpaid, 40 cts.; per pkg., 10 cts.



FOR FULL PRICES OF PEAS SEE PRICE LIST.

PUMPKIN.

GIBSON'S MAMMOTH.



This valuable new pumpkin did not receive half the praise it deserved in our last catalogue for its superior quality. As a rule in squashes and pumpkins, size and quality don't go together. As they increase in size they grow poorer in quality; but the Gibson is a remarkable exception to this rule, for it combines fineness and superior quality with its mammoth proportions. Mr. F. Courtis, our neighbor, who is famous as a squash raiser, tells us that it makes just as good pies as a marrow squash. Per lb., postpaid, 80 cts.; per $\frac{1}{4}$ lb., 25 cts.; per oz., 15 cts.; per pkg., 10 cts.

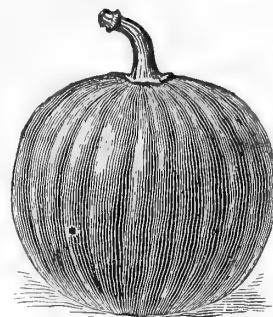
MICHIGAN MAMMOTH.

This crops abundantly for so large a variety, and grows as large round as a barrel, weighing, with us, from thirty to forty-five pounds. We have raised as high as twelve tons to the acre. We sometimes plant it among early dwarf peas, by omitting every fourth row, having the hills ten or twelve feet apart. In this way we get two crops from our land, being careful to manure liberally. It is a soft-shelled variety, and, therefore, excellent for feeding to stock. To get the largest size leave but one vine to each hill. Price per lb., postpaid, 90 cts.; per $\frac{1}{4}$ lb., 28 cts.; per oz., 12 cts.; per pkg., 5 cts.

✂ The Wards Nectar Melons we raised the ✂
✂ last year were as delicious as ever. ✂

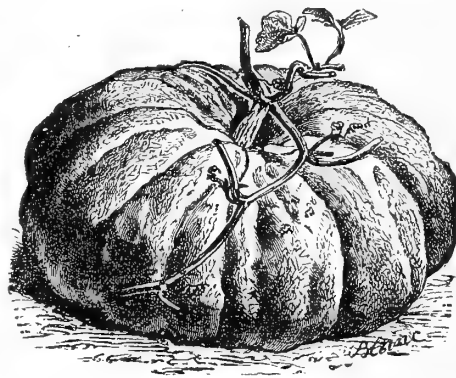
SUGAR.

This is the pumpkin for the traditional Yankee pumpkin pie. All others are coarse and barbarous when compared with this; and to bring them, when prepared in any way, to the table is to rob the stock and wrong the family. Not so with this gem of the pumpkin tribe; if fed to the cows it increases and greatly enriches the quality of the milk, imparting to it a rich yellow, while it is a good table delicacy, either simply boiled or when entering into the composition of the traditional pumpkin pie. It is about as fine-grained as the average squash, grows to average five pounds, and yields enormously, the ground covered with the golden fruit being a sight not soon forgotten whenever seen. There is an increased call for them in our city markets, and they bring from half to two thirds as much as squashes are sold for. Price per lb., postpaid, 75 cts.; per $\frac{1}{4}$ lb., 23 cts.; per oz., 10 cts.; per pkg., 5 cts.



MAMMOTH RED ETAMPE.

This Mammoth, which has been raised to weigh over one hundred and fifty pounds, has a brilliant, showy, red skin. The flesh is very thick, and in quality is about equal to any of the Mammoth class of pumpkins, whose real value is for stock feed. Price, per lb., postpaid, \$1.50; per oz., 15 cts.; per pkg., 5 cts.



NEW CARDINAL.

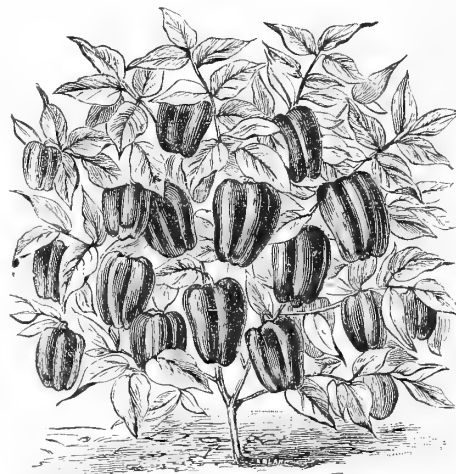
PEPPER.

RUBY KING.



This new pepper grows to a length of about six inches, very thick and sweet-fleshed and is one of the most beautiful and brilliant vegetables grown. It would be worthy of cultivation for its beauty alone, there being no flower which can be grown in the North which surpasses it in depth, purity and brilliancy of color, appearing as though varnished in a bright cardinal. It will also be found a most useful variety, as it can be used for all purposes to which peppers are put. Per oz., 35 cts.; per pkg., 5 cts.

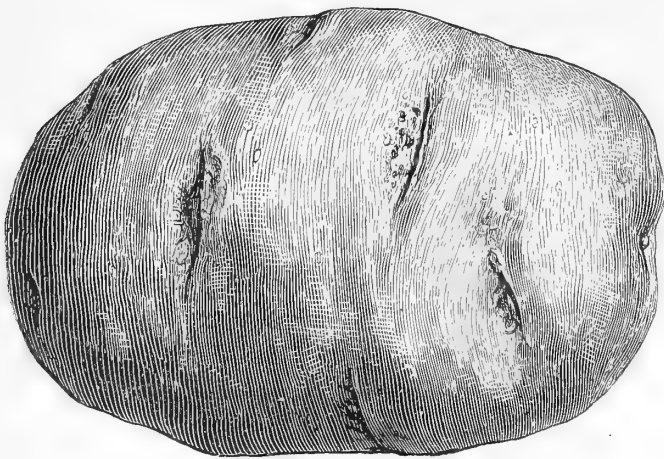
These peppers ordinarily grow four and a half to six inches long by three and a half to four inches broad. When ripe they are of a beautiful bright ruby-red color, and are always remarkably mild and pleasant to the taste. Very handsome and very productive. They need to be started in a hot-bed. Price, per oz., 30 cts.; per pkg., 10 cts.



✂ Please send Your Orders Early. ✂
✂ Buy your Seeds directly from the Grower. ✂

POTATOES.

EARLY SIX WEEKS.



The Six Weeks is very evidently a seedling from the Ohio, which it very closely resembles in every way, but is earlier. makes rather taller stalks, and appears to yield better on upland than that fine variety. It is well described as growing medium to large size; oblong to round in shape; skin light-pink; flesh white; shape smooth; eyes near the surface; tubers grow close together in the hill. The potatoes grow so rapidly that, under favorable circumstances, they are as large as hens' eggs, and therefore fit for family use, *in six weeks from time of planting*, and mature in between ten and eleven weeks. We find it a good yielder, and though not so extraordinarily productive as some claim, still *a remarkably good cropper for so early a sort*. It revels in moist land.

✂ We can supply them this season only in quantities of one bushel or less. Here is what some parties say of them:—

Ettore Tassanari, head gardener at the Danvers, Mass. Insane Asylum, writes: "To-day (June 29) we had the officers of the Essex County Agricultural Society at dinner with us, and on the table were a plate of Early Six Weeks potatoes, of good eating size, of this season's growth. The visitors were all loud in their praise."

"In six weeks from planting I have had them fit for table and as fine, solid, and mealy as ripe tubers. They are not troubled by the potato beetle."

JOHN WISE, Athens Co., Ohio.

"I think they are the earliest potato in cultivation to-day. When the vines were about six inches high I examined them and found potatoes as large as partridge eggs, and in six weeks from planting were as large as hens' eggs. Will mature in 72 days. The yield was 380 bushels per acre."

J. E. SHANKS, Athens Co., Ohio.

"You have got the *best early* and the *earliest* potato in existence. We had the Early Six Weeks Market Potato large enough for the table in six weeks from planting. They out-yielded all other varieties."

AUGUST BROECKER (Gardener), Allegan Co., Mich.

"\$10 per bushel would not buy my Early Six Weeks Market Potatoes if I could not replace them for less. They are the earliest of all, and a heavy yielder. I predict they will be universally grown by market gardeners for early, and those gardeners who get them first will reap handsome profits."

JACOB E. STILSON, Onondaga Co., N. Y.

"Planted the Early Six Weeks Market Potato May 3. They grew fine, and we had new potatoes cooked June 29. They are the earliest we ever saw."

DANIEL DONOVAN, Carroll Co., Tenn.

Early Beauty of Elberon.

We find this to be among the very earliest. It is of good size for marketing, with very few small ones, is of fine shape, has white skin, white flesh, and eyes near the surface. It surpasses many of the early sorts as a cropper, and is of such excellent quality that some rank it as superior to the Beauty of Hebron. We consider it to be every way an excellent early sort.

HAMPDEN BEAUTY.

The vines of the potato have that healthy, robust appearance that pleases the eye of the farmer. It is a first-rate cropper, and the potatoes are of large size and of good market shape. Skin smooth and white. As early as Beauty of Hebron.

EARLY ESSEX.

This, in earliness, vigor of growth, and productiveness, compares well with Early Maine. Like that fine variety, it closely resembles Early Rose. The potatoes are of good size and of excellent quality. Excellent either for a general crop for market, or for use in the family.

PEARL OF SAVOY.

One of the earliest. A cross between Clark's No. 1 and Early Vermont. It closely resembles in general appearance Early Rose, but is earlier and a better cropper. Planted April 7, the vines began to die down July 16. Of seventy-seven varieties tested in the experimental grounds of *Rural New-Yorker*, this proved to be one of the two earliest, and a very heavy cropper.

POLARIS.

This new Vermont seedling we can highly recommend for earliness and quality. They are rather oblong in shape, with surface a little flattened, having few eyes, and those on the surface. Grain fine and flavor excellent. Though white-skinned, it is a chance sport from the Early Rose, not a seedling from it.

Wellington Pierce, New Richmond, Wis., writes: "The Polaris Potato I had from you proves to be very early, a great cropper, very smooth, large size, without a sign of rot, and of excellent quality."

Writes Mr. A. H. Smith, of Waterbury: "The Polaris I planted by the side of State of Maine, Pearl of Savoy, and Beauty of Hebron. The Polaris was the earliest, yielded the best, and surpassed all in quality."

Mr. J. W. Baker, of Bureau Co., Ill., writes: "I had many good potatoes that did well with me last season, such as Standard, Thorburn, Ohio, Early Pearl, White Prize, and Everett, and some fine seedlings of my own and others, but rank the Polaris as superior to them all."

THE DELAWARE. A Valuable New Potato.

Our customers had all better try this excellent potato, for we are sure they will like it. The average form is shown in the engraving; it is medium early; in size it is large, being above the average; the skin and flesh are white; in yield it is a remarkable cropper, while in quality it is first-rate, being dry and mealy.

J. Vasey, Jacksonville, Ill., writes: "I have tried scores of new varieties of potatoes, but find the Delaware to be the best ever introduced."

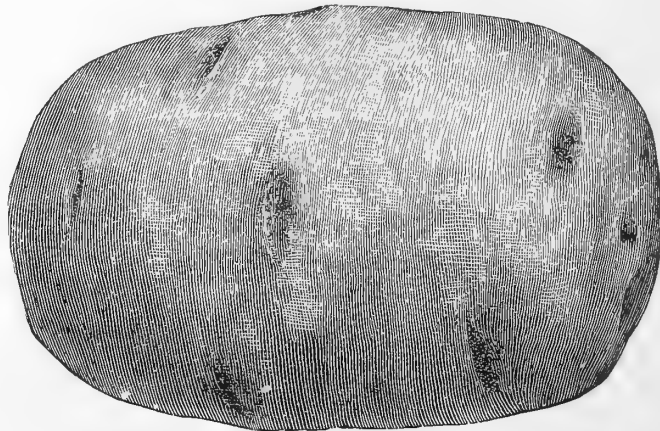
Writes Mr. H. O. McFadden, of Pittsburg: "Among the eight hundred varieties I tested last season (1889), I must say your Delaware was a wonder. From only two ounces of seed I got sixty-one and one half pounds of marketable potatoes. I would recommend everybody who wants a choice potato to send for the Delaware."

Writes P. Carleau, of Washington Territory: "The one pound of Delaware potatoes were not planted in the best soil, but they yielded one hundred and twenty pounds, all very nice and large."

J. R. Jester, Brown's Canon, Col., writes: "From three pounds of your Delaware Potatoes I got four hundred and seventy-five pounds of very large and smooth potatoes."

Writes F. M. Hexamer, of the *American Agriculturist*, who tested them in the spring: "I have found them very fine-grained, and of a pure, delicate flavor rarely found in old potatoes."

Says Mr. Thomas Sawyer, an old farmer of Boxford, Mass.: "In all my life I never ate in the spring such nice potatoes as the Delaware."



POTATOES—Continued.

WOODBURY WHITE.

Maine, that away-down-east State, from time immemorial has been the home of some of our best new potatoes,—the cool climate and virgin soil supplying the conditions which exist in the elevated plateaus among the mountains of Peru, its native home. We came before our customers three seasons ago with another new variety which originated in Maine,—the Woodbury White. This is, as its name would indicate, a white-skinned, and also a white-fleshed sort, half oblong in shape, as shown by the engraving. It has but few eyes, and they shallow ones. Medium early, mealy, and well flavored; size large, with exceptionally few small ones. A great cropper. It was those two characteristics—the average large size of the potatoes and the greatness of the crop—that drew our attention to it in a field of over fifty varieties. Mr. Woodbury writes that with him it yielded three hundred and fifty bushels to the acre, and gave the best satisfaction of any when tested beside fifty varieties.

EARLY OHIO.

The Early Ohio is generally accepted throughout the Western States as the standard early potato. In color like its parent; in shape it is round-oblong. Quality, dry and mealy. *It is a week earlier than Early Rose.* We were the original introducers and namers of this fine potato. It requires a rich, moist soil, like the prairie lands of the West, to develop its cropping qualities; therefore don't plant on dry upland.

Fillbasket.

This new potato takes the front rank in productiveness, vigor of growth, and eating qualities, only yielding the lead to other varieties in earliness. Yet it is earlier than its appearance would indicate, the tubers being of excellent quality—dry, fine-grained, and mealy—while the tops are still rank and green. Oblong in form, somewhat flattened, white-skinned, usually fair and smooth, it is admirably adapted for an "all-round" main-crop potato, either for home use or market. It excels other varieties in the uniformly large size of the potatoes, there being almost none below market size.

Walter A. Connor, West Henniker, N. H., writes: "I am much pleased with the fine yield, large size, and fine appearance of the Fillbaskets."

EARLY PURITAN.

This is a first-class early potato. In quality dry, mealy, and of excellent flavor. It is white-skinned and oblong-round in shape. It proves with us to be a very heavy cropper, rather excelling the Polaris, growing side by side, but it has a larger proportion of small potatoes than that fine variety, though the average of the crop is of fine market size. It has rotted less than the average. Closely resembles the Polaris in both vine and form and color of tubers.

EARLY MAINE.

This potato originated from a seed-ball of the Early Rose, and in general appearance resembles its parent. On our own ground, raised on a large scale, on land that did not suffer from the drought, the yield was four hundred and ten bushels to the acre.

Mr. Williams says: "They are earlier than the Early Rose, and are far superior in productiveness and quality to any other potato raised in this section (Maine), and have the good characteristic of growing smooth-skinned; in fine, have all the good qualities of a staple potato."

Writes Mr. Willard Parker, of Bridgton, Me.: "The Early Maine beats anything we have here; two thirds of them will crack open when boiling."

MONROE COUNTY PRIZE.

One of the most lusty and vigorous of potatoes. When, from dry weather, other kinds yield only small tubers, this will yield large ones.

Extra large in size; oblong in shape; skin white, with a rusty look which generally is found with potatoes of good quality; flesh white, and quality dry and excellent; medium early; a great cropper.

Writes C. A. Zavitz, Guelph, Ont.: "With seventy samples planted, the Monroe County Prize was at the head of the list in point of yield."

EARLY OXFORD.

This potato is considered by some experimenters the best cropper of all the numerous seedlings of the Early Rose. It is medium early, resembles Early Rose in shape, but is of a lighter color. It yields on upland better than its parent, the Early Rose. The tubers smooth in shape, with the eyes not sunken.

If our customers would like to get their Early Rose rejuvenated and a little improved upon in all the traits that go to make up a first-rate market potato, we would advise them to try the Early Oxford.

Writes Mr. Albert Colby, of Fryeburg, Me.: "I concluded that the Early Rose was the best of all, and raised that kind exclusively for the past six years; but last year E. W. Burbank exchanged with me a peck of his Early Oxford Potato to plant beside my favorite Early Rose, and I had to give up that the Early Oxford yielded one half more potatoes, and of a sounder and better quality."

Clark's No. 1.

Earlier than the Early Rose, and will yield a heavier crop. It bears a close resemblance to Early Rose in appearance. It cooks mealy, is of excellent flavor, and is every way a capital variety for either the farmer or market gardener. Four hundred and fifty bushels have been raised on an acre; those who try the Clark are dropping the Early Rose. *Very popular with farmers.*

Charles J. Thompson, Wadley's Falls, N. H., writes: "From one bushel of Clark's No. 1, I raised 126 bushels."

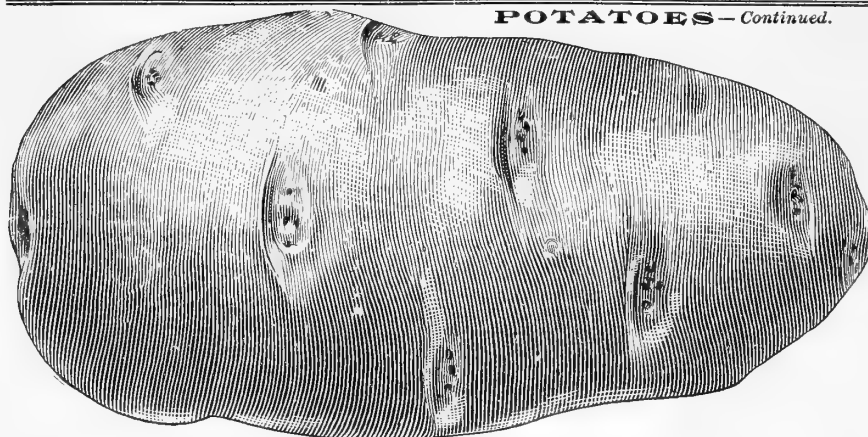
August Beyer, South Bend, Ind., writes: "I raised 118 bushels of Clark's No. 1 from one bushel of seed."

HOWE'S PREMIUM.

The vines of this potato die down earlier than any potato we are acquainted with that will grow tubers of market size. On land heavily manured we raised in 1890 four hundred and thirty bushels to a measured acre, with but very few small ones, and hardly a rotten one on the entire piece. Our customers will find it remarkably free from rot. Among the score of varieties we raised last season this one rotted the least of all. Mr. Whitney, of South Bridgton, Me., gives the right character to the Howe's Premium in his letter to us, wherein he states that "there were hardly any too small for the table, and no sign of rot." The skin is nearly flesh-color; the eye a rich pink; shape nearly round; flesh white; quality good for early but not good to be used as a late potato. In size and shape nearly the entire crop, under good cultivation, is marketable. Vines are short and stout, with broad, thick leaves.

☞ We will ask our customers, when they receive special quotations, to state them in case they order. ☞

POTATOES—Continued.



NEW QUEEN.

This is a seedling raised from a seed-ball from the Beauty of Hebron, in Washington County, Maine. We have raised it on a somewhat large scale on our farms, and are very much pleased with it. We find it very early, a capital cropper, yielding fine, large tubers, so handsome that half of them without culling would be good enough to exhibit at any agricultural fair. Under high cultivation there are almost no small ones. In quality it is most excellent, the flesh being a pure white and of that sparkling, mealy texture that we all like so well in a potato when brought on the table. In shape and color it closely resembles its parent, the Beauty of Hebron.

Matthew Donaldson, Sault St. Marie, Mich., writes: "From one peck of your New Queen Potatoes I raised eleven bushels." Writes Dr. J. K. Shirk, of Lancaster, Co., Pa.: "The potato is a beauty as it comes out of the earth—so many very large ones." Writes Mr. C. G. Britton, of Cheshire Co., N. H.: "They are of the finest quality and very early." Writes P. F. Putzen, Air Line Junc., O.: "From one barrel of New Queens planted we raised 125 bushels." Writes L. E. Tuttle, of Maine: "They gave me a wonderful crop of the smoothest, handsomest potatoes I ever raised." R. Bickerdike, Balsam Lake, Wis., writes: "Very early and of fine quality is your New Queen."

To put the whole matter in a single sentence, the *New Queen* is a very early potato, a good cropper of large tubers that are remarkably and exceptionally handsome and of a quality that is unsurpassed.

PRICE LIST OF POTATOES. No discount. (Per Express or Freight at Purchaser's Expense.)

Practically all of the varieties in the list that follows we had specially raised for our customers in that county famous for good potatoes,—Aroostook, Maine,—we supplying in every instance the seed stock. We would advise our customers at the South to order potatoes in the fall, as there is more or less danger of their being injured by frost if forwarded between Dec. 1 and March 20. While, therefore, we will guarantee, in filling such orders, to use our best judgment, all potatoes ordered to be forwarded between those dates must be at the risk of the purchaser.

	bbl. exp.	bush. exp.	peck exp.	1 lb. mail.	3 lbs. mail.		bbl. exp.	bush. exp.	peck exp.	1 lb. mail.	3 lbs. mail.
Early Norther. (New) See p. 4	6.00	3.00	1.00	.40	1.00	Hampden Beauty.....	4.00	2.00	.80	.30	.75
Freeman. " " " 4	6.00	3.00	1.00	.40	1.00	Pearl of Savoy.....	4.00	2.00	.80	.30	.75
Alexander's Prolific. " " 5	5.00	2.50	.90	.35	.85	Early Essex.....	4.00	2.00	.80	.30	.75
Beauty of Elberon. (New).....	4.00	2.00	.80	.30	.75	Fillbasket.....	5.00	2.50	.90	.35	.85
Early Six Weeks. (New).....		2.50	.90	.35	.85	Woodbury.....	4.00	2.00	.80	.30	.75
Polaris.....	4.00	2.00	.80	.30	.75	Monroe Co. Prize.....	4.00	2.00	.80	.30	.75
Early Maine.....	4.00	2.00	.80	.30	.75	Puritan.....	4.00	2.00	.80	.30	.75
Howe's Premium.....	4.00	2.00	.80	.30	.75	Early Oxford.....	4.00	2.00	.80	.30	.75
Early Ohio.....	4.00	2.00	.80	.30	.75	Beauty of Hebron.....	3.75	1.90	.75	.25	.65
Clark's No. 1.....	4.00	2.00	.80	.30	.75	Early Rose.....	3.75	1.90	.75	.25	.65
Delaware.....	4.00	2.00	.80	.30	.75	Burbank's, long, smooth, great cropper, standard white variety.	3.75	1.90	.75	.25	.65
New Queen.....	4.00	2.00	.80	.30	.75						

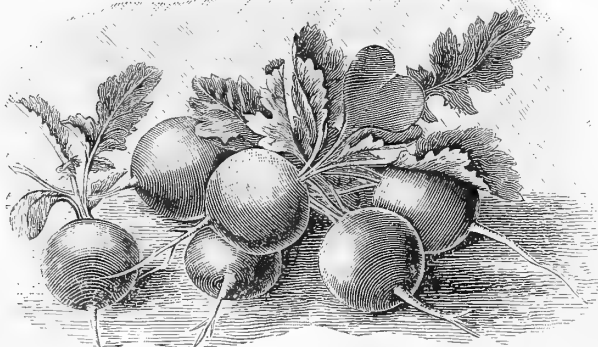
Potato Seeds saved from the seed balls of a nice white potato fertilized by many others. Price, per package, 25 cents.

RADISHES.

GIANT WHITE STUTTGART.

This new variety is very early and quick of growth. Flesh and skin pure white. It will stand the severe heat of the South, and grows to an immense size. Price, per lb., postpaid, 70 cts.; per oz., 10 cts.; per pkg., 5 cts.

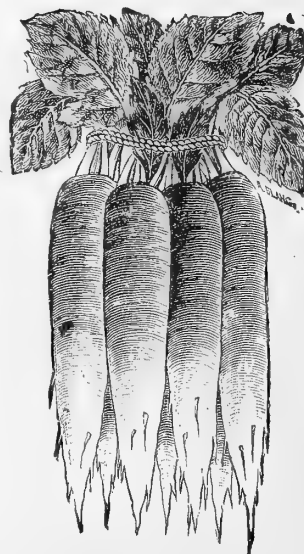
NE PLUS ULTRA. (Deep Scarlet Strain.)



This is pronounced to be the earliest of all radishes for forcing, being fit for the table in three weeks. Flesh tender and delicate; produces but few small leaves. Price, per lb., postpaid, \$1.00; per ½ lb., 28c.; per oz., 15c.; per pkg., 10c.

BECKERT'S CHARTIER.

This new radish has rapidly grown into high favor for spring and summer use. It is very handsome, about one third of its length being of a rose color. We find them in our experimental grounds to be as early as Covent Garden, and having the general characteristics of a good early radish. It is of a quick growth, good size, very tender, of excellent quality, while it remains in condition for eating longer than most sorts. We have before us nearly a hundred recommendations, whose general trend is so emphatically in its favor that we are persuaded our market-garden customers can run no risk in planting it largely. Price, per lb., postpaid, 75 cts.; per ½ lb., 23 cts.; per oz., 10 cts.; per pkg., 5 cts.



RADISHES—Continued.**GOLDEN YELLOW SUMMER.**

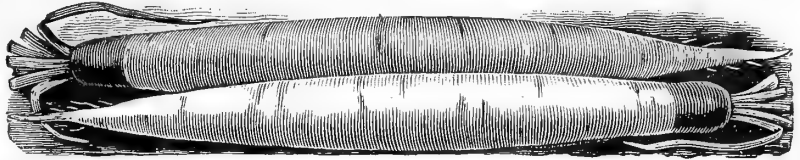
Its shape is that of the Yellow Summer Turnip Radish; but the root is more spherical, its neck is finer, and the leaves are smaller. It is fit for use from four to six weeks after sowing. A novelty of great merit. Price, per lb., postpaid, \$1.08; per pkg., 5 cts.

LONG BRIGHTEST SCARLET RADISH.

This is one of the medium long varieties, whose coloring, entirely distinct from any other, is a vivid scarlet, tipped with snowy white. Skin very thin, flesh crisp and brittle, and quality excellent. An acquisition. Per lb., postpaid, \$1.08; per $\frac{1}{4}$ lb., 23 cts.; per oz., 15 cts.; per pkg., 5 cts.

"MAMMOTH SANDWICH ISLAND" SALSIFY.

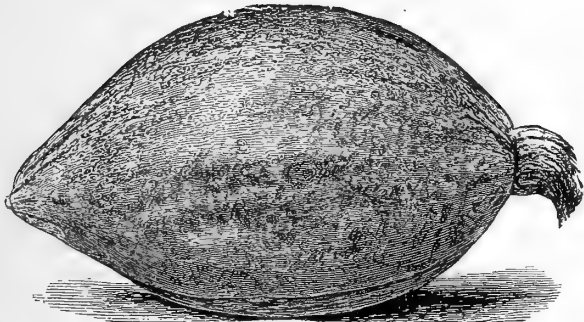
This new variety grows to twice the size of the common variety, the roots of which it resembles in shape, and which makes it almost invaluable to the market gardener. Price, per lb., postpaid, \$1.40; per $\frac{1}{4}$ lb., 48 cts.; per oz., 25 cts.; per pkg., 10 cts.

**EARLY WHITE SHORT LEAVED.**

The best of the white turnip radishes. *Superior to the variety known as the "Philadelphia Box."* Early, and elegantly symmetrical. Top remarkably short. A first-class sort for forcing as well as for growing out of doors. Price, per lb., postpaid, \$1.00; per $\frac{1}{4}$ lb., 28 cts.; per oz., 15 cts.; per pkg., 5 cts.

STRASBURG RADISH.

This is a summer and autumn radish. It grows four to five inches long and about two inches thick, but is usable when small. Flesh very white, crisp, and tender. Very popular in Chicago. Per lb., postpaid, 72 cts.; per $\frac{1}{4}$ lb., 23 cts.; per oz., 10 cts.; per pkg., 5 cts.

SQUASHES.**MARBLEHEAD.**

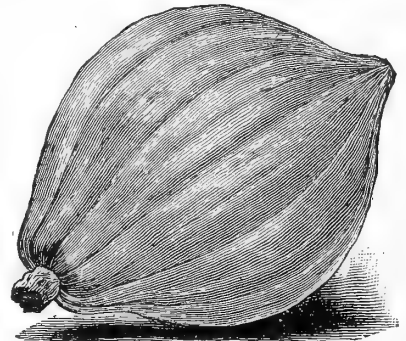
This squash, as a rule (it does not always make a shell), is characterized by a shell of a more flinty hardness than the Hubbard. It is usually thicker and flatter at the top. The flesh is of rather a lighter color than the Hubbard, while its combination (in good specimens) of sweetness, dryness, and delicious flavor is something really remarkable. Its outer color is a light blue. Price, per lb., postpaid, 80 cts.; per oz., 10 cts.; per pkg., 5 cts.

THE STRICKLER SUMMER.

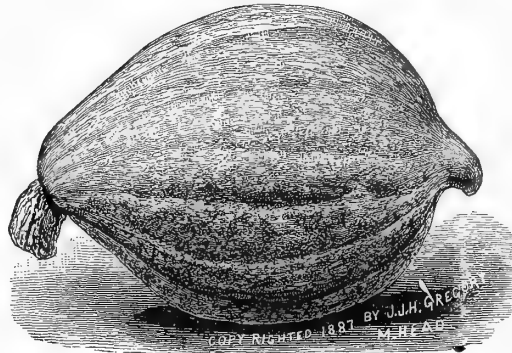
This new variety of Summer Crookneck we find grows twice as large as the common sort, averaging from five to six pounds in weight. It will be likely, eventually, to drive the common sort out of the market. The two engravings show the comparative size of the Strickler and the common Summer Crookneck. We noted in our crop occasionally a sporting back toward the common variety, which shows that the type is not yet quite fully fixed; but the sports were so few they were of minor consequence. Price, per oz., 15 cts.; per pkg., 10 cts.

DUNLAP'S EARLY PROLIFIC MARROW.

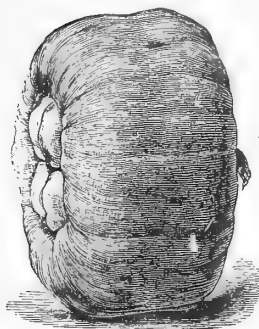
The standard early of the running varieties. No variety can compete with it for earliness, it being about twelve days ahead of the Boston Marrow, and for this reason can be planted a week later than any other kind. It grows to weigh from seven to fourteen pounds and is very productive. Its color is most attractive, a brilliant orange-red. Quality excellent when mature. A good keeper. Mr. E. L. Coy, who grows hundreds of acres of squash, pronounces it "the earliest and finest fall variety." Price, per lb., postpaid, 80 cts.; per oz., 10 cts.; per pkg., 5 cts.



When ordering please write "peck" in full and "pkg." for package.

The White Chestnut.


Good specimens are as fine-grained and as dry as a boiled chestnut, of as good quality for the table, in every respect, as the Hubbard, while it has a distinct individuality of its own. We have named it the "White Chestnut,"—white, because the color is nearer to white than any other of the hard-shell squashes; chestnut, because the color of the flesh, and also the quality of it, is very suggestive of a chestnut. The White Chestnut is a hard-shelled squash, of just about the size of the Hubbard as it was when we first introduced it; and it is just about such a cropper as was the original Hubbard. Price, per lb., postpaid, \$1.20; per $\frac{1}{4}$ lb., 38 cts.; per oz., 15 cts.; per pkg., 5 cts.

SQUASHES — Continued.**THE AMERICAN TURBAN.**

This fine squash is as good for fall as the Hubbard is for winter; in proof of which please see extracts in former catalogues from letters received.

It will rank with the driest, the sweetest, the finest grained, and richest flavored of the fall squashes.

Price, per lb., postpaid, 80 cts.; per oz., 10 cts.; per pkg., 5 cts.



 Vegetable Seeds enough for a family garden for \$1.00.
See page 50.

THE BUTMAN.

This squash, of which we were the original introducers, made by crossing the Yokohama with the Hubbard, is the only one of our running varieties known to have originated in the United States. It was made by scientifically crossing the Hubbard with the Yokohama. Externally, it is of a bright grass-green color, intermixed with white. In size and productiveness it resembles the Hubbard; it has a thick shell, and is thick-meated. The flesh is of a lemon color. It is exceptionally fine-grained, and it is remarkably dry, sweet, and delicious, with a flavor different from the Hubbard, Marblehead, or Turban. It is a little later than the Hubbard and does not crop as well. It should bring a higher price in the market. In season from late fall until spring. In the essay which received the premium of the Massachusetts Horticultural Society, the Butman for quality is put at the head of all varieties of winter squashes. Price, per lb., postpaid, 80 cts.; per ¼ lb., 23 cts.; per oz., 10 cts.; per pkg., 5 cts.

SIBLEY, OR PIKE'S PEAK.

Form, as in the engraving; color, pale green; skin, when ripe, thick; flesh, thick and of a rich orange; average weight, six pounds. Raising these by the acre, we find the Pike's Peak, under good manuring, is a better cropper than the Hubbard in the number of squashes, but not equal to it in weight of the crop. A little later than the Hubbard. Quality magnificent, dry, fine-grained, sweet, and of a most delicious flavor. Good for late fall and winter use. There have been so many new squashes that "beat the Hubbard," that we were inclined to regard this new competitor as one more of the same class; but, after having now tested its quality, we must frankly say that, in this respect, our old favorite, the one with which we began our business, has at last really met with a competitor.

 By all means plant at least a few hills of this new squash. Feed it well; get it in early. Plant plenty of seed, as they are more difficult to vegetate than those of any other squash, and you will have a surprise in store.  Price, per lb., postpaid, \$1.00; per ¼ lb., 30 cts.; per oz., 15 cts.; per pkg., 5 cts.

PIKE'S PEAK Squash

**COCOANUT.**

A magnificent little squash for family use; very prolific, yielding from six to a dozen to the vine. The color is an admixture of cream and orange, while the bottom, over a circle of two or three inches in diameter, is of a rich grass-green. The flesh is fine-grained, sweet, and very solid (the squash being remarkably heavy for its size), and the quality excellent, closely resembling Canada Crookneck in flavor, but in every way much superior. There is one capital fact true of it, which is well worthy the attention of all who have trouble in raising squashes; viz., that the Cocoanut will give a crop when all the standard sorts fail. Price, per lb., postpaid, 83 cts.; per ¼ lb., 25 cts.; per oz., 10 cts.; per pkg., 5 cts.

MAMMOTH CHILI.

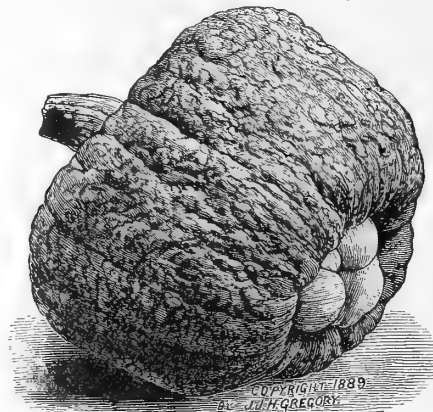
The Mammoth squashes, though of but little value for table use, on rich land, in those sections where roots are but little cultivated, are very profitable as food for cattle. If you wish to grow a "big" squash, try this.

F. W. Arnold, Hammond, Minn., writes: "I raised Mammoth Chili squashes from your seeds last season weighing one hundred and fifty-six and one hundred and twenty-six pounds."

Of the Mammoth Squash, Mr. James B. Pickering, of New Hampshire, raised one which weighed one hundred and ninety-two pounds. Price, per lb., postpaid, \$1.40; per oz., 15 cts.; per pkg., 10 cts.

THE WARREN.

Five years ago a vine appeared in a field of Essex Hybrid squashes raised by a neighbor, bearing three squashes, which were distinct from the rest, in that they had rough, warty, and thicker shells, and were of a richer color. The seeds from the three squashes were planted by themselves, with the object of permanently fixing the new type. Not only is the shell generally harder and thicker than the Essex Hybrid, but the color



is richer and deeper, and the quality decidedly better. They command a better price than the Essex Hybrid. Every farmer and gardener who raises the Hybrid will find it for his interest to substitute for it this new and improved variety. Price, per lb., postpaid, \$1.25; per ¼ lb., 38 cts.; per oz., 15 cts.; per pkg., 5 cts.

Carefully read "To our Patrons," page 1.

SQUASHES—Continued.**LOW'S BAY STATE.**

This variety, with heavy manuring, is a very good yielder, though in size it averages a little below the Essex Hybrid. Popular in Boston market. The color is dark green; it has a thick shell, and is thick-meated. Price, per lb., postpaid, 80 cts.; per oz., 10 cts.; per pkg., 5 cts.

ESSEX HYBRID.

This is a cross between the Turban and the Hubbard, having the shape of the former and the shell of the latter. It is a very handsome-looking squash, and the flesh is of rather darker average color than that of either the Hubbard or Turban. It comes generally uniform in shape, and is a heavy cropper. The type now appears to be fixed sufficiently to give nearly all the crop a hard shell, which protects it from injury. Price, per lb., postpaid, 80 cts.; per oz., 10 cts.; per pkg., 5 cts.

WITH CORY FOR FIRST EARLY, BOSTON MARKET AS SECOND, ORIGINAL CROSBY AS THIRD, MOORE'S EARLY AS FOURTH, POTTER'S EXCELSIOR AS FIFTH, STOWELL'S EVERGREEN AS SIXTH, AND EGYPTIAN FOR LATEST, THE SWEET CORN SEASON WILL BE WELL ROUNDED OUT.

WINTER CROOKNECK SQUASH.

Of all vegetables to preserve from season to season, please commend us (as we kindly commend you) to the Winter Crookneck Squash. It is a sure grower, with a quality of its own, not fine, but with a flavor of old time, and a first-rate keeper. It is perfectly at home in the home-stead, for we have kept them *well* for two years, and so we invite our customers to join with us in reviving a custom which is truly honored in the observance,—that of growing some Winter Crooknecks, and hanging them up in the kitchen as did our fathers of old. Price, per lb., 80 cents; per $\frac{1}{4}$ lb., 23 cents; per oz., 10 cents; per package, 5 cents.



Try the "Comrade," sure.

TOMATOES.

Surely try the "Comrade."

ATLANTIC PRIZE TOMATO. (New.)

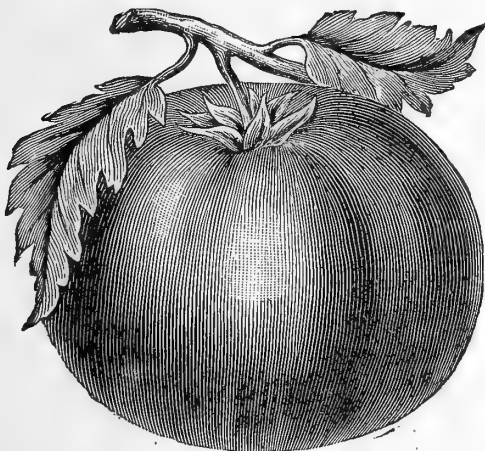
This first early tomato is the result of many years' careful selection by one of the most successful tomato growers of New Jersey. It is said to be two weeks earlier than many kinds it has been tested with. The fruit is of good size, round, very solid, and of excellent quality. Per oz., 25 cts.; per pkg., 5 cts.

RED CROSS.

This new tomato, in form, is of the Livingston class in size, shape, and beauty, but is earlier. It is even in size throughout the season, perfectly solid, a brilliant crimson in color, ripens close up to the stem, and bears harvesting better than most varieties. It has brought an extra price in the markets of Boston. Price, per oz., 30 cts.; per pkg., 5 cts.

IMPROVED GROUND CHERRY.

Our experimental grounds certify to the claims of this newcomer to be an improvement on the old variety in size. It excels in size of both vine and fruit. Price, per pkg., 10 cts.

LIVINGSTON'S BEAUTY.

This, claims Mr. Livingston, is as early as the Acme or Perfection, of a very glowing crimson in color, with a slight tinge of purple. It retains its size later in the season than Acme and other good sorts. It has yielded one third more than Acme. In shape it is perfectly spherical. It has a thick skin, and hence is not so liable as some other varieties to crack just after a rain. It has more solid flesh and fewer seeds than average kinds, and is less inclined to rot. Price, per oz., 20 cts.; per pkg., 5 cts.

THE "COMRADE." (New.)

A friend who annually grows several acres of tomatoes considers this the most profitable variety he has ever grown. We raised the "Comrade" on a large scale the past season, and are exceedingly well pleased with it, and so was every visitor to whom we had the pleasure of showing it. It ripened among the earliest, and was exceedingly productive. The fruits were models in shape and size, round, solid, and brilliant colored. They were entirely free from rot, and remarkably free from cracking. All in all, we don't know of a better sort. Per oz., 30 cts.; per pkg., 10 cts.

LIVINGSTON'S FAVORITE.

Smoother than Paragon, darker red than Perfection, and larger than either. Very productive. Excellent for marketing or canning. Price, per lb., postpaid, \$2.00; per oz., 20 cts.; per pkg., 5 cts.

EARLY RUBY.

Extra earliness and great size is claimed for the Early Ruby. It is similar every way to Livingston's Perfection, but decidedly earlier. The mass of fruit being produced close to the main stem enables the sun to reach it the more readily. Price, per oz., 25 cts.; per pkg., 5 cts.

ROYAL RED. (New.)

It is a first-class main crop variety for the shipper, market and private gardener, and of special value to the canner and catsup maker because not a single point essential to a main crop variety is lacking. The beautiful red color of both skin and flesh of the Royal Red will satisfy the taste of the public, which of late years inclines to the red in preference to the purple varieties. Large sized, all the crop round, and very handsome. It will give satisfaction as a first-class tomato. Per lb., \$2.00; per oz., 25 cents; per pkg., 5 cts.

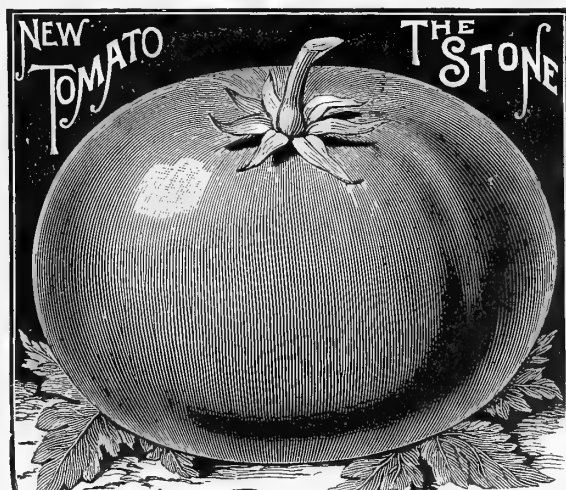
DWARF CHAMPION.

We have here a very distinct variety, suggesting the old tomato "De Laye," but vastly superior as a cropper, yet in yield greatly superior to them. The originator speaks of it as follows, and the results in our experimental grounds fully substantiate his statements, especially in the soundness, handsome appearance, and exceptionally brilliant color of the fruit, which was the finest of all our varieties:—

"The plant grows stiff and upright, with very thick and short-jointed stems. It can be planted as close as three feet. The foliage is a very dark green in color, thick and corrugated, differing in form from that of other sorts. The Dwarf Champion will bear very heavy manuring, the strength increasing the abundance and size of fruit, instead of producing superabundant vines. To crop heavily, it should be liberally manured." Some of our prominent market gardeners plant no other kind. Price, per lb., postpaid, \$2.50; per oz., 25 cts.; per pkg., 5 cts.

TOMATOES—Continued.

THE NEW STONE.



The New Stone Tomato ripens for main crop; it is very large, and of bright scarlet color; very smooth, with occasionally a specimen very slightly octagon-shaped; ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed, as its name indicates.

Above all, not Subject to Rot.—Prof. J. L. Budd, of Iowa State Agricultural College, says:—

"It was large enough, smooth, firm-fleshed, and, above all, not subject to rot. I did not see a rotten specimen, although a bad year for rot."

Quality Very Superior.—Prof. E. S. Goff, of Wisconsin Agricultural Experiment Station, says:—

"In quality it is very superior, being unusually solid. The plants were productive and the fruit was entirely smooth."

Bright, Attractive Color.—Prof. W. J. Green, of Ohio Experiment Station, writes:—

"The tomatoes are very large, solid, and of a bright, attractive color. The plants are robust and prolific."

Will Take the Lead for Cannermen and Shippers.—

Mr. W. W. Carpenter says:—

"It is coreless, and so firm that it can easily be selected from other sorts in the dark. In a word, it combines all the good qualities found in the Favorite and Perfection."

Price per ounce, 30 cents; per package, 5 cents.

MITCHELL'S NEW.

Mr. Mitchell, the originator of the Canada Victor, makes the following claims for his new tomato: "It is unsurpassed in quality and productiveness, and cracks and rots less than the average tomato; is the earliest of the large smooth sorts; is uniform in size, and holds its size to the end of the season; it is heavy, solid, and smooth, large in size, and of a beautiful red color." Here is the experience of some men of standing who have raised it: Mr. S. Spillet, of Nantze, recommends it for size, quality, and earliness; Mr. E. Routledge, for its color, size, solidity, flavor, and earliness; Mr. W. Gilgore, of Peterboro, for its size, productiveness, smoothness, earliness, and quality; Prof. Shaw, of Ontario Agricultural College, for its rank when compared with the best varieties. Editor Race speaks emphatically of its size, quality, and productiveness. T. N. Walker, of Ingersoll, states that in size, solidity, and smoothness the crop far surpassed other varieties growing side by side with them.

We have raised the Mitchell on a large scale, and can so far indorse the statements of Mr. Mitchell, in our summing up, as to claim for it a *deserving place among the very best varieties of recent introduction*. Price, per oz., 30 cts.; per pkg., 5 cts.

CUMBERLAND RED.

This is a magnificent tomato, size, shape, and color, and has proved itself exceedingly popular wherever grown. It is a vigorous grower, very productive, and bears continually until killed by frost. The outer skin is sufficiently tough to keep it from cracking under conditions where other varieties growing side by side do crack, as was noted at the Virginia experimental station. This excellent characteristic gives it great value to the market-man, and when we combine with this its magnificent color, large size, good form, and solidity, we have a tomato every way first-class. Per oz., 25c.; per pkg., 5c.

TURNIPS.

IMPROVED PURPLE TOP SWEDE.

A very early, free-growing variety, with short neck and small top; flesh, deep yellow. "The handsomest Purple Top Swede in cultivation," says the English firm who introduces it. Price, per lb., postpaid, 55c.; per oz., 10c.; per pkg., 5c.

BUDLONG.

This is an American Ruta-Baga, *earlier and rounder* than any other of the Sweet German, Improved White French, Rock, or Russian turnips, all of which names are given, in different localities, to the white Ruta-Baga, or various strains of it. Mr. Budlong, probably the most extensive raiser of Ruta-Bagas in New England, has, by years of careful selection, produced this excellent strain.

W. J. Richmond, Saybrook, O., writes: "The reputation of the Budlong as a first-class table variety is becoming famous in this locality."

Price, per lb., postpaid, 75 cts.; per ½ lb., 23 cts.; per oz., 12 cts.; per pkg., 5 cts.

Milan Strap-Leaved.



This variety of turnip is sent out by the same reliable firm that sent out the Munich. They declare it to be even earlier than the Munich. It is of the strap-leaved class, flat in shape, and of excellent quality. Price, per lb., postpaid, \$1.00; per oz., 15c.; per pkg., 5c.

WHITE EGG.

Six hundred bushels of this fine turnip have been raised to the acre as a second crop, bringing the market gardener who raised them two hundred dollars.

Several years ago we experimented with every variety of the early turnips found in the catalogue of the most extensive seed-growers of England, to determine whether this turnip, claimed to be a new American variety, really was such. After a careful comparison with all these foreign varieties, we were satisfied that it was a new variety, as distinct from any of the sorts tested as they are from each other. It is perfectly smooth, of a pure, clear white, growing half out of ground, and at times to the size of a Ruta-Baga, being a very choice kind for table use, of excellent flavor, sweet and mild. It pulls clean from the ground, and, with its thin, snow-white skin, looks almost as attractive as would a basket of huge eggs. It is a first-rate keeper for winter use. Our stock is from headquarters. Comes to size for use just after Early Red Top. Price, per lb., postpaid, 55 cts.; per oz., 10 cts.; per pkg., 5 cts.



GRAINS, GRASSES AND FORAGE PLANTS.

SEE SOJA BEANS, PAGE 28.

RACE-HORSE OATS.

The foreign oat, the Early Race-Horse, came off with flying colors on our experimental grounds in 1883, where nineteen varieties were grown side by side. It proved to be nearly a fortnight earlier than the common variety, a very heavy cropper, with grains almost as plump as a well-filled barley.

Per package, postpaid, 10 cts.; per lb., per mail, 20 cts.; per peck, 50 cts.; per express or freight at purchaser's expense, per bushel of thirty-two lbs., \$1.35.

PRINGLE PROGRESS OATS.

This new and distinct variety of oats was made by Mr. Pringle several years ago, by crossing the Excelsior with the Chinese Hulless. In it we have a combination of good qualities which cannot fail to please—a short, stiff straw, and a long, full head or panicle. The vigor that in most varieties goes to form straw here goes to make grain. Being so much shorter, it does not lodge. In our trial plot of about twenty varieties of oats, the Progress matured the first of all. We believe if the farmer prefer grain to straw, the Progress will suit every time. Per packet, 10 cts.; per lb., postpaid, 20 cts.; per peck, 50 cts.; per bushel, \$1.35.

SASKATCHEWAN SPRING WHEAT.

Says Charles A. Pillsbury, of Minneapolis, Minn. (whose mill has a capacity of seventy-five hundred barrels per day): "No such milling wheat has been received at our mill since we have been in the milling business." Professor Porter, professor of agriculture of the Minnesota State University, says: "It exceeded my strongest expectations, in its bright, stiff straw, its large, well-filled heads, its plump, amber-colored grain, its freedom from all varieties of rust, its great vigor of growth, its early maturity, and its productiveness. Our prices are as follows: per bushel of 60 lbs., per express or freight at purchaser's expense, \$2.00; per peck, 60 cts.; 3 lbs., per mail, 60 cts.; 1 lb., 25 cts.; per pkg., 10 cts.

ALFALFA or LUCERNE.

The success turns on using American-grown seed, and planting it in deep, porous soil, and keeping clean of weeds the first season. A top-dressing, with fine manure, would help it through the first winter. Price, per lb., postpaid, 35 cts.; per pkg., 10 cts.

JAPAN CLOVER (*Lespedeza Striata*).

This new clover has proved to be wonderfully adapted as a grazing and hay plant for every portion of the South as far north as latitude 34°. It rapidly takes possession of the region when once planted, covering with its dense verdure soilless hilltops, sandy plains, gravelly slopes, pine thickets, open woods, and all soil either dry or damp. No matter how ever closely it is grazed, the Japan Clover sprouts vigorously anew. Price, per lb., postpaid, 35 cts.; per pkg., 10 cts.

MILO MAIZE.

Yields from six to sixteen stalks from one seed; much sweeter than cornstalks. It stands wind and drought that would ruin corn. It will sprout again after cutting. Grows from six to ten feet high. Four pounds of seed plant an acre. Price, per peck of 15 lbs., express or freight at purchaser's expense, \$1.25; per lb., postpaid, 20 cts.; per pkg., 10 cts.

KAFFIR CORN.

This new forage crop is allied to Milo Maize or Branching Sorghum, but is earlier than either of them. The stalks keep green and are brittle and juicy, making fodder, green or dry, which is relished by cattle, horses, and mules. Its seed heads, eight or ten inches long, are eagerly eaten by horses, hogs, and fowls. It cannot be relied upon to mature its seed in the latitudes of New England. Price, per peck of 15 lbs., by express or freight at purchaser's expense, \$1.25; per lb., postpaid, 20 cts.; per pkg., 10 cts.

MANSHURY BARLEY.

A six-rowed barley with very long heads, well filled and heavy; straw bright and strong. In our experimental grounds the Manshury proved to be the earliest of the five leading varieties which were tested there. Price, per express or freight at purchaser's expense, per bush., \$2.00; per peck, 60 cts.; per lb., postpaid, 25 cts.; per pkg., 10 cts.

NEW JAPANESE BUCKWHEAT.

The kernels of this new buckwheat are nearly twice as large as the common kind; the straw is stouter and heavier. It branches more, and it does not need to be sown as thickly; the flour made from it is equal to that from any other buckwheat; it is a very heavy cropper, and less apt to blight than other varieties.

Writes Mr. Eugene Miller: "From twelve quarts I raised over thirty-two bushels of grain, or nearly three times as much as the Silver Hulled."

From *Rural New Yorker*: "I consider the Japanese Buckwheat to be far ahead of all other kinds. It is certainly a distinct variety. So far, with me, it outyields the old Gray or the Silver Hull, two to one. It makes a better growth on poorer soil than any buckwheat I have ever raised."

Price, per bush., \$1.25; per express, per peck, 45 cts.; per lb., by mail, 20 cts.; per pkg., 10 cts.



YELLOW DOURA.

This is earlier than the Branching Doura (or Milo Maize), and is not so delicate in starting. The grain, which is abundant, is readily eaten by cows, horses, hogs, and mules. Like the Branching Doura, it yields an immense mass of green forage, and will bear two or three cuttings. It grows from nine to twelve feet high, bearing the grain on the large tops. Price, per lb., postpaid, 20 cts., per pkg., 10 cts.

BAXTER'S SIX ROWED BARLEY.

The grain is very plump, round, solid, and heavy, and differs from all other six-rowed in having a much smaller proportion of hull. It ripens a week or ten days earlier than the Manshury. The straw stands up well. Prof. Saunders, Director of the Central Experimental Farm, at Ottawa, Canada, states that "in a test made with thirteen of the best six-rowed varieties, it was found to produce the heaviest grain." Per bush. of 32 lbs., per express or freight, \$2.50; per peck, 75 cts.; 3 lbs., postpaid, 75 cts.; 1 lb., 30 cts.; per pkg., 10 cts.

PRICKLY COMFREY.

In spite of some hasty criticism, careful experiments, continued through several years, have proved this to be very valuable as a fodder plant for cows, horses, sheep, and other animals. Run the leaves through a feed-cutter, wet, and mix with bran or meal with a little salt. Propagated by pieces of the root. Plant on rich soil, and give plenty of manure. Two or three crops of forty or fifty tons in all have been raised per acre. Don't cut till second year. It is perennial, withstands droughts, and is perfectly hardy. Price, per doz., postpaid, 30 cts.; per 100, per express, \$1.00.

Canada Field Peas and Oats for Fodder.

These at the rate per acre of one bushel of peas to one and one half bushels of oats make grand summer and autumn fodder for cows and sheep. The peas should be lightly ploughed in when sown and the oats broadcasted and brushed in immediately afterward. Price of the mixture for one acre, per express, \$2.75; of the peas, per bushel, \$1.75 per express.

COW PEAS (Black and Clay)

Adapted to Southern localities; but also valuable in the North as a fodder plant, sheep being very fond of them when in blossom; their chief value, however, is as a green crop to plough under. One and one half bushels to the acre. Price, per peck, per express, 60 cts.; per bushel, per express, \$1.75.

COMPLETE LIST OF VEGETABLE SEEDS WITH PRICES.

One half bushel at bushel rates; half-peck at peck rates; half-pound at pound rates; pints at quart rates.
As a rule, the earliest varieties are placed at the head of each list.

ASPARAGUS. (German, *Spargel*; French, *Asperge*.) For Roots, see page 50.

Sow the seed in the seed-bed late in the fall or in the early spring, as soon as the ground can be worked, in drills one foot apart, covering the seed about one inch deep. Thin the plants to three inches in the row. The roots may be removed to the permanent bed when one or two years old. In preparing the ground no pains should be spared, as a well-established and carefully cultivated asparagus bed will continue in good condition for twenty-five years or more. Select deep, rich, mellow soil, and trench the ground two feet deep, using a liberal quantity of well-decomposed manure, with a small admixture of common salt. Set the roots so that the crowns will be three or four inches below the surface of the ground in rows three feet apart, and nine inches apart in the row. Apply a dressing of manure in autumn (rotten kelp is excellent), digging the same into the ground in the spring, taking care not to injure the roots. The bed will produce shoots fit for cutting the second or third year after transplanting. An occasional application of salt will be found beneficial. One ounce to sixty feet of drill.

PRICES OF SEEDS.

	lb. exp.	lb. mail	½ lb.	oz.	pkg.
COLUMBIAN MAMMOTH WHITE. (New.) See page 2.....	3 92	4 00	1 25	40	10
Palmetto. (New.) See page 9.....	90	98	30	15	5
Moore's Cross-bred. See page 9.....	90	98	30	15	5
Conover's Colossal. The standard variety.....	42	50	18	10	5

BEANS. Dwarf, Snap, or Bush. (German, *Busch-Bohne*; French, *Haricot*.)

Select light, warm soil, and plant when danger from frost is past in the spring, in drills two to two and a half feet apart, dropping the beans about two inches apart in the drill, and cover one inch deep. Keep the ground clean and loose by frequent hoeing, but do not draw the earth around the plants. Avoid working among the vines when they are wet, as it will tend to make them rust. One quart to a hundred feet of drill.

	peck exp.	bush exp.	qt. exp.	qt. mail	
DWARF BLUE-PODDED BUTTER. (New.) See page 2..... Package only.....	1 25	4 50	25	40	15
Improved Round Yellow Six Weeks. See page 10. A fine shipper.....	1 20	4 00	25	40	10
Early China, or "Red Eye." An old, popular early variety.....	1 20	4 00	25	40	10
Early Valentine. Pods long, round, and tender; excellent, standard early bean in Middle States.....	1 20	4 00	25	40	10
Early Mohawk. Very hardy, early, and productive.....	1 20	4 00	25	40	10
Early Yellow Six Weeks. Very early and productive; a standard sort.....	1 20	4 00	25	40	10
Refugee, or a Thousand to One. A very prolific bush sort, fine for canning.....	1 20	4 00	25	40	10
Emperor William. A very broad-podded white. Early, fine both for string and shell.....	1 50	...	30	45	10
Low's Champion. See page 10.....	1 20	4 00	25	40	10
Rhode Island Early. See page 10.....	1 50	...	35	50	10
Best of All. This has long, fleshy pods of finest flavor; an abundant bearer.....	1 50	...	30	45	10
Dun Cranberry. One of the very best for string; yield, first-rate; early; good as a green or dry shell bean.....	1 20	4 00	25	40	10
Dwarf Red Cranberry. The pure, old-fashioned sort, such a favorite with our fathers.....	1 20	4 00	25	40	10
Warren. See page 9.....	3 00	10 00	40	55	10
JACKSON WONDER. (New.) See page 2.....	...	...	70	85	15
Burpee's Bush Lima. (New.) See page 9.....	4 00	...	75	90	10
Dreer's Bush Lima. (New.) See page 10.....	3 75	...	70	85	10
Henderson's Bush Lima. See page 10. Two weeks earlier than the pole Limas.....	1 75	...	35	50	10
Marblehead Early Horticultural. See page 10.....	2 00	...	35	50	10
Early Carmine-Podded Dwarf Horticultural. (New.) See page 10.....	2 00	...	35	50	10
Boston Favorite, or Red-Podded Dwarf Horticultural. Rich carmine color; market gardeners' sort.....	1 75	...	25	40	10
Intermediate Horticultural. A half-bush variety, very prolific; a superior sort for market gardeners.....	1 60	5 50	30	45	10
Boston Pea. See page 10.....	1 50	...	25	40	10
Burlingame Medium. Early and very prolific; in size between marrow and pea.....	1 25	4 00	25	40	10
Improved Yellow Eye. One of the best varieties for baking. Remarkably vigorous, healthy, and prolific.....	1 50	...	30	45	10
Navy, or Pea Bean. A small, almost round variety, very productive; a standard sort for field culture.....	1 00	3 75	20	35	10
White Marrow. A standard sort for field cultivation, early.....	1 25	...	30	45	10
Snowflake. See page 10.....	1 50	4 75	35	50	10
Red Kidney. A standard red sort; fine for baking.....	1 25	...	30	45	10

Waxen Podded Varieties.

Speckled Wax. (New.) See page 10.....	1 75	...	30	45	10
Extra Early Refugee Wax. (New.) See page 10.....	2 00	...	30	45	10
Challenge Dwarf Black Wax. See page 10.....	2 00	...	35	50	10
Cylinder Ivory Pod Wax. See page 10.....	2 00	...	40	55	10
Detroit Wax. Early; nearer rust-proof than most wax sorts; pods long and broad.....	2 00	...	30	45	10
Wardwell's Kidney Wax. Extra early, very prolific, waxy pods five inches long.....	1 75	...	30	45	10
Early Golden-Eyed Wax. Probably the least subject to rust of any dwarf variety.....	1 75	6 00	30	45	10
Crystal White Wax. Pods small, but remarkably prolific; much used for canning.....	...	...	30	45	10
Dwarf Golden Wax, or York Dwarf Wax. More prolific, with larger pods than the common sorts.....	1 75	6 00	30	45	10
Dwarf Black Wax. Superior for a snap bean. A very fine strain of early dwarf wax.....	1 75	6 00	30	45	10

BEANS. Pole, or Running Varieties. (German, *Stangen-Bohne*; French, *Haricots à Rames*.)

Set the poles three by three or four feet apart, and plant six to eight beans around each pole, thinning to four healthy plants. They require the same soil and treatment as the dwarf varieties, with the exception that they crave stronger soil, and do best in a sheltered location. One quart to 150 poles.

MAMMOTH CARMINE-PODDED HORTICULTURAL POLE. (New.) See page 6. Pkg. only.....	...	...	50	65	10
GOLDEN CHAMPION. (New.) See page 2.....	...	...	60	75	10
HORTICULTURAL LIMA. (New.) See page 2.....	...	...	50	65	10
Marblehead Champion. We find that this variety excels every other pole bean in earliness.....	...	...	50	65	10
Marblehead Early Pole Cranberry. The earliest pole cranberry; pods tender; delicious when cooked.....	...	...	35	50	10
Essex Prolific. Fine either green or dry; pods green; a vigorous grower.....	...	...	45	60	10
Concord. Considerable earlier than the London Horticultural; good for string or shell.....	...	...	45	60	10
Arlington Pole Cranberry. This fine sort is later but larger podded than the Marblehead Pole Cranberry.....	...	...	45	60	10
Kentucky Wonder. See page 11.....	...	...	45	60	10
Tennessee Butter. Pods very broad and long; stringless. Give it rich garden soil..... package only.....	...	...	40	55	10
Brockton. See page 11.....	...	...	35	50	10
London Horticultural, or Wren's Egg. Productive, pods elegantly striped; excellent string or shell.....	2 50	...	30	45	10
Southern Prolific. A standard at the South, but should be in every Northern garden; very productive.....	...	...	35	50	10
Caseknife. A white pole bean of great richness either as green shelled or when baked..... package only.....	...	...	...	...	15
Yard Long. Pods grow two and three feet long; a decided novelty..... package only.....	...	...	...	...	10
Painted Lady. Either for ornament or use..... package only.....	...	...	...	...	10

Robert Groves, Lowell, Mass., writes: "For 32 years your seeds have grown me fine cabbage."

PRICES OF SEEDS.

BEANS, Pole or Running—Continued.

	peck exp.	bush exp.	qt. exp.	qt. mail	pkg.
Scarlet Runner. The largest for eating; fine for ornament.....			35	50	10
Wilkins' Pole Cranberry. (New.) See page 11.....			60	75	10
Lazy Wives. A late white pole sort; fine for a succession, coming late. For shelling or baking, package only.....					10
Extra Early Lima. This is, as the name indicates, really earlier than the common sorts.....	2 00		40	55	10
King of the Garden Lima. See page 11.....	2 00		40	55	10
Early Lima, Sieva, or Frost. Two weeks earlier than Large Lima. Requires the entire season in the North.....			35	50	10
Large Lima. As a shell bean, surpasses all in quality; late for the extreme North.....			35	50	10
Dreer's Improved Lima. Rather later, but more prolific than Large Lima; round in shape.....			35	50	10

Waxen Poddled Pole Varieties.

Golden Butter Wax. Very early; very prolific; very handsome; in fact, very first-class, a standard.....	2 00		45	60	10
Carmine Wax. One of the earliest of the pole sorts. Pods green, then yellow, then carmine.....			40	55	10
Flageolet Wax. Handsome long pods having a transparent look; later than Golden Butter.....			40	55	10
Early Golden Cluster Wax. (New.) See page 11. In the front rank of wax pole varieties.....			45	60	10
Indian Chief, or Black Algerian Wax. Always in order for stringing; pods yellowish white.....			40	55	10

ENGLISH BEAN, Broad Windsor. Large and excellent. Valuable for ripening unevenly..

These thrive best in rich, moist soil and cool situation. Plant in early spring, two or three weeks earlier than the common beans, in rows two feet apart, and six inches apart in the row, covering two inches deep. Pinch off the tops of the plants when the young pods first appear.

BEEF. (German, Runkel Rube; French, Betterave.) Table Varieties.

Select a deep, rich, sandy loam, and manure with well-decomposed compost. Sow in drills fourteen to sixteen inches apart and cover one inch deep. When the young plants appear, thin to four or five inches apart. For early use, sow as soon as ground can be worked in the spring; for autumn use, about the middle of May; and for winter use, from the 10th to the 20th of June, according to variety,—the LONG varieties requiring more time to mature than the ROUND, EARLY kinds. When sown late increase the quantity of seed. To preserve during winter, cover with earth to keep from wilting. When cooking, boil new beets one hour, and old ones two hours or more. The Mangold Wurtzels are grown principally for stock, and, as they grow larger, require more room. They should be sown in drills about two feet apart, and be thinned to twelve or fifteen inches in the row. (See our work on Mangold Wurtzels, etc.) One ounce to fifty feet of drill. Five pounds per acre.

	lb. exp.	lb. mail	1 lb.	oz.	
DETROIT DARK RED. (New.) See page 3.....	67	75	25	15	10
ARLINGTON FAVORITE. (New.) See page 2.....	67	75	25	15	10
Egyptian. Earlier than Bassano. Tops remarkably small. We heartily recommend this valuable variety to the attention of market gardeners who seek above everything else earliness.....	52	60	18	10	5
Crosby's Early Egyptian. See page 11.....	92	1 00	30	10	5
Eclipse. See page 11. Quite as early as the Egyptian. Now a standard variety.....	75	83	25	10	5
Early Bassano. One of the earliest, fine in quality.....	47	55	18	10	5
Faust's New Crimson, or Mitchell's Perfected. (New.) See page 12.....	60	68	23	10	5
Edmands'. See page 12.....	60	68	23	10	5
Lentz' Hybrid. (New.) See page 12.....	60	68	23	10	5
Bastian's Early Blood Turnip. As early as the Bassano, but of much darker color; small top, handsome shape; one of the standards for early market.....	45	53	18	10	5
Early Blood Turnip. A standard sort; good for summer or winter.....	47	55	18	10	5
Dewing's Early Blood Turnip. Very symmetrical; free from fibrous roots; dark red. A first-class beet.....	47	55	18	10	5
Yellow Turnip. A very early sort, of a beautiful golden-yellow color, the best for quality.....	50	58	18	10	5
Long Smooth Dark Blood. Excellent for winter use; smooth skinned; flesh dark red.....	42	50	18	10	5

Mangold Wurtzel.

The Globe Mangolds succeed better than the long sorts on sandy soil. Farmers should begin to feed them towards the close of winter and in the spring.

Norbiton Giant. The Standard Long Red; very extensively used.....	35	43	16	10	5
Carter's Orange Globe. The best variety of Yellow Globe.....	35	43	16	10	5
Giant Yellow Intermediate. (New.) See page 12.....	50	58	18	10	5
Red Tankard. Tankard shaped, with small tap-root; handsome.....	35	43	16	10	5
Golden Tankard. Tankard shaped; flesh deep yellow, with colored rings; good cropper.....	40	48	16	10	5
Webb's New Kinver Mammoth. Considered by some the best of the Yellow Globes.....	40	48	16	10	5
Improved American Sugar, or Lane's. A long white variety of Mangold Wurtzel, for stock.....	35	43	16	10	5
Vilmorin's Improved French White Sugar. The variety cultivated by the French for making of sugar..	45	53	18	10	5
White Silesian Sugar. Raised in France for sugar, excellent for feeding stock, a heavy copper.....	35	43	16	10	5
Red Giant Ovoid. Very large, oval shape; pulls up very free from dirt.....	37	45	16	10	5
Red Globe.....	35	43	16	10	5
Yellow Globe.....	35	43	16	10	5

BERBERRY

One of the best shrubs for hedges. Perfectly hardy. Never winter-kills, and grows on any soil; makes a thick, close, impenetrable hedge that will turn cattle, and promises to become the hedge-plant of North America. The berries make excellent preserves. As the seeds of the berberry do best when planted in the berry, we will receive orders and file them to be filled in the fall, as soon as the fruit is matured, when we will send the berries at prices named above, with a page of full directions for making a hedge, and for preserving the fruit.

BORAGE

This is a profuse flowering plant, which is grown principally for bees. Sow in early spring in rich soil, and thin plants to one foot apart. Readily bears transplanting, and, when thus treated, flowers more abundantly.

BRUSSELS SPROUTS. (German, Kopfkohl; French, Chou de Bruxelles.)

A class of plants allied to the cabbage family, producing great numbers of small heads or sprouts on the main stem of the plant, which are used in the manner of cabbages. Plant in rich soil, in hills two feet apart each way, and thin to one plant to the hill.

Dalkeith. (New.) More dwarf and compact than the old sorts and produces larger sprouts.....			50	10	
Scrymger's Giant Dwarf. In habit, close-headed and compact.....package only.....					10
Dwarf Improved. The standard variety.....			15	5	
Dalmeny Sprouts. A hybrid between Drumhead Savoy and Brussels Sprouts.....			20	5	

BROCCOLI. (German, Spargel Kohl; French, Chou Brocoli.)

The Broccoli are closely allied to the Cauliflower family, so nearly so that the Walcheren variety is sometimes classed with Cauliflower. They require similar cultivation and treatment to Cauliflower.

Walcheren White. One of the very best varieties.....			1 48	50	10
Large White Early French. A standard French variety.....				40	10
Purple Cape. Late, large, compact.....			1 23	40	10
Early Purple. Early, excellent; color, deep purple.....				40	10

W. G. Waters, Glenmore, O., writes: "Last fall I took 4 first premiums on cabbage from your seeds."

PRICES OF SEEDS.

CABBAGE. (German, *Kopfkohl*; French, *Pomme de Chou*.)

All of the principal varieties of cabbage, making over one half of the list below, are of our own growing.

Cabbage will thrive on any good corn land, though the stronger the soil the better they will develop. New land is preferable. Plough deep and manure very liberally. The early sorts bear planting from eighteen inches to two feet apart in the rows, with the rows from two to two and a half feet apart; the large varieties to be from two to four feet apart in the rows, with the rows from two and a half to four feet apart, but the largest varieties can be planted at the least distances named and do well. The crop should receive as many as three hoeings and three cultivatings. Cabbage will not usually follow cabbage or turnips successfully in field culture, unless three or four years have intervened between the crops. For late fall marketing, plant drumhead sorts from June 10 to 20. For full and minute information, see our treatise on "Cabbages, and How to Grow Them." One ounce to about two thousand plants.

Earliest Varieties.

Express. (New.) See page 15.....	2 42	2 50	73	25	10
All Head. (New.) See page 13.....	2 92	3 00	95	30	10
Extra Early Jersey Wakefield. A little smaller and a little earlier than Early Jersey Wakefield.....	2 92	3 00	95	30	10
Early Jersey Wakefield. A standard early cabbage in Boston and New York markets. See page 14.....	2 92	3 00	95	30	10
Henderson's Early Summer. This new drumhead cabbage is much larger than the Early Wakefield, though not quite as early. Very popular among market gardeners.....	2 42	2 50	73	25	10
All Seasons. See p. 13. Fast becoming an acknowledged standard; early large drumhead variety.....	2 92	3 00	95	30	10
Very Early Etampes. A very early, fine heart-shaped sort; growing in favor.....	2 17	2 25	68	25	5
Little Pixie. A small, tender cabbage, pointed heads. It is earlier than Early York, and heads hard.....	1 42	1 50	48	15	5
Sugar Loaf. A popular, conical early variety.....	1 92	2 00	58	20	5
Early Oxheart. One of the standard early conical sorts.....	1 67	1 75	58	20	5
Early York. One of the earliest; an old standard sort.....	1 67	1 75	58	20	5
Early Wyman. The largest of the Wakefield sorts, very popular with market gardeners for early market.....	2 42	2 50	73	25	5
Early Nonpareil. A choice, very early sort.....	1 42	1 50	48	15	5
Earliest Blood-Red Erfurt. The earliest of all the red varieties. Short stumped; hard heading.....	2 42	2 50	73	25	5
Very Early Paris Savoy. Earlier than Ulm Savoy, which it resembles in shape and color.....	.....	.....	.....	25	5
Early Yellow Dutch Savoy. The best of the Yellow Savoy; good header; unique.....	.....	.....	.....	30	5
Midsummer Savoy. This makes a large head for an early Savoy; fine for family use.....	.....	.....	.....	30	5
Early Ulm Savoy. One of the earliest; unsurpassed in quality; capital for family use.....	.....	.....	.....	25	5

Second Early.

Large French Oxheart. Popular as an early cabbage; heart-shaped.....	1 42	1 50	48	15	5
Schiltzer. Shaped like Winnigstadt but grows larger; marbled green; fine for the table.....	.....	.....	98	30	5
Early Winnigstadt. Heads large, cone-shaped, solid; one of the best standards for all soils.....	2 42	2 50	73	25	5
Early Red Erfurt. Early, head round, and very solid.....	.....	.....	.....	25	5
Filderkraut. The heads are conical in shape, large size, very hard and solid. Can be used medium early, but specially valuable for winter use. Sure to head and thrives well everywhere.....	1 52	1 60	48	20	5
Schweinfurt Quintal. The earliest of all large drumheads; grows from a foot to eighteen inches in diameter; does not head very hard, but is remarkably tender. The heads are very handsome.....	1 92	2 00	58	25	5
"Newark" Early Flat Dutch. Best strain of second early in New York market. Heads large and solid.....	2 42	2 50	73	25	10
Early Bleichfeld Giant. Heads large, solid, and of fine flavor; dark green in color.....	1 92	2 00	58	20	5
Fottler's Early Brunswick. The earliest of the large-heading drumheads. This has given great satisfaction in every section of the United States. See page 15.....	2 17	2 25	68	25	5
Reynolds. (New.) See page 14.....	2 92	3 00	95	30	10
Succession. See page 12.....	2 92	3 00	95	30	10
Warren. See page 13.....	2 92	3 00	95	30	10
Early Deep Head. See page 13.....	2 42	2 50	73	25	10

Late Kinds.

Bridgeport. Late drumhead. The standard shipping cabbage in Chicago; makes a large, round, firm head.....	2 42	2 50	73	25	10
Green Glazed. A standard variety in the South.....	1 92	2 00	58	20	5
Red Dutch. The old variety for pickling.....	1 92	2 00	58	20	5
Red Drumhead. Larger than Red Dutch, and more profitable; heads round; very reliable for heading....	1 92	2 00	58	20	5
New Diamond Winter. See page 12.....	2 92	3 00	95	30	10
Gregory's Hard Heading. (New.) See page 14.....	2 92	3 00	95	30	10
Marblehead Mammoth Drumhead. Largest in the world. Special directions on label. See page 12....	1 92	2 00	58	25	10
Stone-Mason Drumhead. A standard variety in Boston market.....	2 12	2 20	68	25	5
Premium Flat Dutch. Large and excellent for winter; very extensively grown in the South. See page 12	1 92	2 00	58	20	5
Improved American Savoy. Very reliable for heading; very sweet and tender. See page 14.....	1 92	2 00	58	20	5
Drumhead Savoy. A cross between Savoy and Drumhead; very large.....	1 92	2 00	58	20	5

CARROT. (German, *Moehre*; French, *Carotte*.)

Carrots thrive best in rather a light loam. The ground should be well manured with fine, well-rotted, or composted manure, six or eight cords to the acre, and be thoroughly worked quite deep, by two ploughings made at right angles with each other. Also cultivate and drag, if there are any lumps, and then rake level, burying all remaining lumps and stones. Plant in rows fourteen inches apart and thin plants three to five inches in the rows. Plant from the middle of April to the middle of May, to insure crop, though good success is often met with if planted as late as the 10th of June. As the dry spells, which sometimes prevail at that season, are apt either to prevent the germination of the seed, or to burn the plants as soon as they appear above ground, it is therefore advisable to increase the quantity of seed, which, under the circumstances, will give the crop a better chance. Keep very clean of weeds. One ounce will sow 150 feet of drill. (See our work on "Mangolds and Carrots.")

Improved Short White. See page 15.....	92	1 00	30	15	10
Early Very Short Scarlet. The earliest and smallest of all varieties; of special value for forcing.....	1 00	1 08	33	15	5
Early Scarlet Horn. The early short variety for forcing; excellent for the table; color, very deep orange.....	72	80	25	10	5
Short Horn. The standard early variety; sweeter than Long Orange, and more solid. Good to color butter.....	77	85	25	10	5
Chantenay. See page 15.....	92	1 00	30	12	5
Guerande. See page 15. Enormous cropper; can be pulled by hand.....	92	1 00	30	12	5
Danvers. Extra selected gardeners' strain. See page 15.....	1 25	1 33	38	15	5
Danvers. This is a fine strain, perhaps as good as ours.....	92	1 00	30	12	5
Improved Long Orange. We send this out as the most select strain of Long Orange.....	72	80	25	10	5
Mitchell's Perfected. This differs from all others in being nearly as large at bottom as at top.....	.....	.....	60	20	5
Large White Belgian. Large white; very productive; good for horses; crop can be pulled by hand.....	52	60	18	10	5
Yellow Belgian. Grown partly out of ground; a capital sort for late keeping.....	60	68	23	10	5
Giant White Wiltshire. (New.) See page 15.....	92	1 00	30	15	5

CAULIFLOWER. (German, *Blumenkohl*; French, *Choufleur*.)

Pursue the same course as with Cabbage, manuring rather heavier and hoeing oftener. Cauliflowers covet the cool, moist weather of the fall months to perfect themselves. One ounce for one thousand plants.

Extra Early Dwarf Erfurt. Extra choice. Specially selected. See page 16.....	.....	.....	.....	3 00	25
Early Paris. A standard early variety.....	.....	.....	2 48	75	10
Early Erfurt. A choice German variety.....	.....	.....	4 48	1 25	15

J. C. F. Bagley, Caribou, Me., writes: "One fourth pound of your Guerande seeds grew 200 bushels carrots."

PRICES OF SEEDS.

CAULIFLOWER—Continued.

	lb. exp.	lb. mail	1/4 lb.	oz.	pkg.
Italian Early Giant. Fine, large, white-headed, and early.....				60	10
Early Dutch. Early.....				60	10
Henderson's Early Snowball. See page 16. Very dwarf; very early and reliable.....	1/4 oz.	\$1.00	14 00	4 00	25
Early London Market. The best strain of this standard English sort.....				50	10
Thorburn's Gilt Edge. (New.) See page 16.....				3 50	25
Long Island Beauty. See page 16.....				3 00	25
Eclipse. The leaves of this variety are said to protect the head especially well.....					15
Carter's Defiance. This sort is fine for forcing or very early use.....					15
Berlin Dwarf. By test we find that this for earliness, size, and quality about equals the Snowball.....				1 00	15
Lenormand's Short-Stemmed Mammoth. Dwarf, large, and fine; reliable for general cultivation.....			1 98	60	10
Carter's Dwarf Mammoth. Very early, with heads remarkably large for so dwarf a variety.....				75	15
Autumnal Late Giant. Very large headed and extremely productive.....				60	10
Large White French. Fine, large, white.....				60	10
Stadtholder. Fine; large size; late.....				60	10
Late Algerian. One of the new, large, late French sorts; very popular with the New York gardeners.....			2 48	75	10

CELERY. (German, *Sellerie*; French, *Céleri*.)

Plant seed in hot-bed or very early in open ground. Transplant four inches apart, when three inches high, in rich soil finely pulverized; water and protect until well rooted, then transplant into rows five or six feet apart either on surface or in well-manured trenches a foot in depth, half filled with well-rotted manure. Set the plants from eight to twelve inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the tops of the centre shoots. Sow Boston Market early and manure it heavily to develop its branching habit. Those marked with a * the best for the South. One ounce of seed gives about four thousand plants.

Early Arlington. Earlier and of larger growth than Boston Market. Headquarters stock.....	2 42	2 50	73	25	10
Paris Golden Yellow Large Solid. See page 17. Headquarters stock.....	3 42	3 50	1 10	35	10
Boston Market. Headquarters stock. This is the short, bushy, compact, solid Boston variety.....	2 92	3 00	98	30	10
Dwarf Golden Heart. See page 16.....	1 92	2 00	58	25	5
Crawford's Half Dwarf. See page 17.....	1 92	2 00	58	25	5
*White Plume. See description on page 16.....	2 92	3 00	95	35	10
Giant Pascal. (New.) See page 16. Stock from the originator.....	3 17	3 25	1 10	35	10
Kalamazoo. See page 17.....	2 17	2 25	68	25	10
Solid Ivory. The perfection of a dwarf celery; compact in habit; crispy, and of fine flavor.....				50	10
*Perfection Heartwell. Medium green, tall, vigorous grower, makes a large, tender heart.....				58	25
*White Solid. A standard sort. Our strain of this is first-rate.....	1 92	2 00	58	25	5
Sandringham Dwarf White. Most dwarf of all; very solid; white.....	1 92	2 00	58	25	5
New Rose Dwarf. Has the good keeping qualities of the red sorts, and is, with its pink color, very beautiful.....				40	10
London Red. Dwarf, solid and crisp; a first-class variety.....				20	5
Turnip Rooted. (Celeriac.) The old standard sort. Celeriac is used for flavoring soups.....				20	5
Large Smooth Paris Turnip Rooted. This grows better and smoother than any other Celeriac.....				20	5
Old Celery. For flavoring pickles, etc.....	50	58	18	10	5

CHICORY. (German, *Cichoren Worzel*; French, *Chicoree*.)

Pursue the same manner of cultivation as for carrot. If to be used as a salad, blanch the leaves by covering so as to exclude the light. If raised for its root, dig at about the same time as carrots, wash the roots, and then slice them either way, and dry thoroughly by artificial heat.

Large Coffee Rooted. Used as a substitute for coffee.....	85	93	30	10	5
COLLARDS or COLEWORTS.	1 00	1 08	30	15	5

A class of plants closely allied to the Cabbage family, used as greens in the pine sections of the South. Transplant when four inches high into rows three to four feet apart, according to the richness of the soil, and one and one half feet apart in the row. Thin during the summer to three feet apart in the row, using the plants for fodder, for if the soil is good what are left will grow to touch each other. Gather for use after the first heavy frost.

CORN.

Do not plant before the ground has become warm—nothing is gained by it. Drill cultivation is more profitable than hill cultivation. The smaller varieties may be planted with the drills two and a half feet apart, and the stalks thinned to ten inches apart; the larger sorts should have the drills three to four feet apart, and the stalks a foot apart in the rows, and the largest varieties eighteen inches apart. Use some rich manure in the drills. Frequently stir the earth around the roots by hoe or cultivator, but do not draw it up about the stalks. For a succession of corn for family use to be planted at the same time, we would recommend Cory, Minnesota, Crosby's, Moore's, Stowell's, and Egyptain Sweet, using double of the two last-named sorts. One quart for two hundred hills.

Sweet Varieties for Family Use and Marketing in a Green State.

(German, *Zucker Maize*; French, *Sucre Maize*.)

	peck exp.	bush exp.	qt. exp.	qt. mail
White Cory. (New.) See page 18.....	95	3 25	25	37 10
First Crop Sugar. (New.) See page 18.....	1 00	3 50	25	37 10
Quincy Market. (New.) See page 18.....	95	3 25	25	37 10
Nonesuch. (New.) See page 18.....	90	3 00	20	32 10
Stabler's Early. (New.) See page 18.....	90	3 00	20	32 10
Bonanza. (New.) See page 18.....	1 00	3 50	20	32 10
Golden Nugget. Bright golden color; flavor rich, suggesting a cross between field and sweet corn.....			25	37 10
Country Gentleman. (New.) See page 18.....	1 25	4 00	30	42 10
Cory. See page 19. Now the acknowledged standard early market sort.....	1 00	3 50	20	32 10
Lackey's New Early Sweet. See page 19.....	1 25	4 00	30	42 10
Marblehead Early Sweet. Second early only to the Cory; a week earlier than Narragansett. By careful selection of stock we have made this a white corn.....	95	3 25	20	32 10
Early Minnesota Sweet. One of the second earlies; ears of good market size.....	90	3 00	20	32 10
Early Narragansett. Second early; kernels very large; ears large in diameter, and of medium length.....	95	3 25	20	32 10
Perry's Hybrid. See page 17.....	90	3 00	20	32 10
Original Crosby's. See page 17.....	1 00	3 50	20	32 10
Crosby's New Early Sweet. First-rate every way, either for market or family use.....	90	3 00	20	32 10
Early Boston Market. Earlier and more dwarf than Crosby's early; has larger ears.....	1 00	3 50	20	32 10
Moore's Early Concord Sweet. Twelve to sixteen rows, med. early, ears large; good to follow Crosby... ..	90	3 00	20	32 10
Potter's Excelsior or Squantum. See page 17.....	95	3 25	20	32 10
Shaker Early Sweet. Matures with Minnesota, but has a larger ear; desirable.....	95	3 25	20	32 10
Honey Sweet. Second early; husks red; kernel creamy-white; deep grain; cob small; productive and sweet.....	95	3 25	20	32 10
Mexican Sweet. The sweetest and tenderest of all varieties we are acquainted with.....	95	3 25	20	32 10
Quaker Sweet or Ne Plus Ultra. See page 17.....	95	3 25	20	32 10

 C. E. Robbins, North Vassalboro, Me., writes: "I seek no further for good seeds." 

PRICES OF SEEDS.

CORN — *Continued.*

	peck exp.	bush exp.	qt. exp.	qt. mail	pkg.
Amber Cream. A medium late sort.....	1 00	3 50	20	32	10
Old Colony. In earliness between Moore's and Stowell's; ears large, having a fine, deep grain.....	90	3 00	20	32	10
Pee-and-Kay. Second early, large eared, white and sweet.....	95	3 25	20	32	10
Hickox. Large eared, white, tender, and sweet, ripening a week earlier than Stowell's.....	95	3 25	20	32	10
Marblehead Mammoth Sweet. The largest variety grown. See page 17.....	95	3 25	20	32	10
Livingston's Evergreen. (New.) See page 17.....	1 00	3 50	25	37	10
Stowell's Evergreen Sweet. Excellent; keeps green till cold weather; ears large; a standard late variety.	90	2 75	20	32	10
Egyptian Sweet. About as late as Stowell's Evergreen, but surpasses that variety in sweetness. We think we never ate a white variety of sweet corn more tender and sweet than this.....	95	3 25	20	32	10
Sweet Fodder Corn. Not as usual mere trash, but good corn to vegetate.....	75	2 25	20	32	10

Varieties for Field Cultivation and Popping. (German, *Welschcorn*; French, *Maize*.)

Extra Early Huron Dent. (New.) See page 18.....	75	2 25	25	40	10
Improved Early Yellow Canada. A first-rate corn where the seasons are short.....	75	2 25	20	35	10
Adams Early. A favorite in the South. The earliest of all the Dent sorts.....	90	3 00	20	35	10
Longfellow's Field. See page 19. We again offer a fine stock. Home grown.....	60	2 00	20	35	10
Butler Dent. (New.) See page 19.....	60	2 00	20	35	10
Sibley's Pride of the North. Probably the earliest Dent corn; can be ripened in Northern New England... See page 19.....	60	2 00	20	35	10
Leaming. See page 19.....	60	2 00	20	35	10
Sanford. A white flint planted extensively for fodder, the stalks being extra large and numerous.....	60	2 00	20	35	10
Blunt's Prolific Field. A fine prolific white flint variety, too late for N. E., but a fine sort for ensilage.....	60	2 00	20	35	10
Ensilage. The tallest variety of Southern corn, especially suitable for ensilage.....	60	2 00	20	35	10
Dwarf Golden Pop. Small, but ornamental, and a favorite with the little folks; excellent for popping.....	....	....	30	45	10
Nonpareil or Pop. The popular variety for parching.....	....	....	25	40	10
Silver-Laced Pop. The handsomest of all varieties of popcorn, and decidedly a growing favorite.....	....	....	25	40	10
Egyptian Pop or White Rice. Tenderer when popped than the common variety.....	....	....	30	45	10

BROOM CORN.

Any good corn land will grow Broom Corn. Plant in rows three feet apart, and thin to eight inches in the row.

Dwarf. Dwarf in habit; grows a finer brush than any other.....	1 30	4 00	25	37	10
Improved Evergreen. An improvement on the Evergreen by careful selection of stock for years. Not as tall as Evergreen; brush fine and bright colored.....	1 30	4 00	25	37	10

CRESS. (German, *Kress*; French, *Cresson*.)

Plant on rich soil, finely pulverized, in drills six or eight inches apart. That grown in the cool of the season is of the best quality. To be used as salad before the flowers appear.

	lb. exp.	lb. mail	½ lb.	oz.	
Upland. Has all the characteristics of water cress and can be grown easily in any garden.....	....	....	....	50	10
Curled. The best sort.....	45	53	18	10	5
Water Cress. To be planted along the borders of shallow water-courses. The famous English Cress.....	....	....	....	40	10

CUCUMBER. (German, *Gruke*; French, *Concombre*.)

The vines require a warm location. Plant after the ground has become warm, in hills four feet apart for the smaller varieties, and five feet for the larger sorts. Manure with ashes, guano, or some well-rotted compost, working the manure just under the surface. Sprinkle vines with plaster or air-slacked lime to protect from bugs. The frame cucumbers can be successfully grown in the open air in this country, by giving them well-sheltered location, plenty of manure, and having hills six by six. One ounce for fifty hills.

JAPANESE DARK GREEN. (New.) See page 6.....	....	....	....	....	15
Thorburn's Commercial Pickling. (New.) See page 20.....	1 17	1 25	38	20	10
Bennett's White Spine. (New.) See page 20.....	82	90	28	10	5
Early Russian. The earliest of all varieties; grows about four inches long.....	82	90	28	10	5
Extra Early Seedling. As early as Early Russian, while it grows to a much larger size.....	72	80	23	10	5
Russian Netted. Combines usefulness with fine looks. Very handy, brown netted, good quality.....	62	70	20	10	5
Early Frame. Early, short, prolific.....	62	70	20	10	5
Early Cluster. Bears mostly in clusters; very early and productive.....	62	70	20	10	5
Green Prolific. A very prolific pickling variety. Selected by one of the largest growers in the country.....	72	80	23	10	5
Thorburn's Everbearing. (New.) See page 20.....	82	90	28	10	5
Livingston's Evergreen. (New.) See page 20.....	82	90	28	10	5
Nichols's Medium Green. See page 20.....	72	80	23	10	5
Peerless White Spine. Larger than improved White Spine; productive, excellent for forcing.....	72	80	23	10	5
Improved White Spine or Arlington. Great bearer; excellent for early forcing, or for outdoor cultivation; standard in Boston. Stock from one of the best Boston market gardeners.....	77	85	25	10	5
Short Green. An old standard.....	72	80	23	10	5
Long Green. An old standard sort.....	72	80	23	10	5
Bismarck. A cross between the Long Green and White Spine. Large, straight, tender, and crisp.....	82	90	28	10	5
Tailby's. For description, see page 20.....	72	80	23	10	5
Giant Pera. See page 20. Clear, smooth skin, with but few seeds.....	82	90	28	10	5
Improved Long Green Prickly. Long variety, growing 14 to 16 inches; makes a hard, brittle pickle.....	82	90	28	10	5
Parisian Pickling. (New.) See page 20.....	1 27	1 35	40	20	10
Boston Pickling. A medium long variety; the standard for pickling in Boston market.....	72	80	23	10	5
Chicago Pickling. A favorite in Chicago; prolific, but not quite as early as Boston Pickling.....	72	80	23	10	5
Norbiton Giant. English prize frame variety, sometimes growing to 30 inches..... package only	....	....	....	....	25
Giant German. See engraving, page 20. The handsomest frame variety we ever saw.....	....	....	....	50	20
Extra Long Green Smooth. Very long, smooth, and straight..... package only	....	....	....	....	15
Long Green Smooth from Athens. A long-frame variety that does well in open air..... package only	....	....	....	....	15
Large White Bonneuil. White and spineless, growing to a very large size..... package only	....	....	....	....	10
West India Gherkin. A very small, elegant, peculiar sort, for pickles only, prolific to an extraordinary degree. Somewhat difficult to get the seed to germinate.....	....	....	....	20	5
Snake. We have grown these six feet in length coiled up like a snake. A decided novelty..... package only	....	....	....	....	10
Eight Varieties Mixed.....	....	....	....	15	5

DANDELION. (German, *Lewengohn*; French, *Dent de Lion*.)

This vegetable has become very popular as an early, healthful green, and the roots also are used when dried as a substitute for coffee. Its use in either of these forms is particularly recommended to those who are inclined to any disease of the liver. Sow in May in drills one foot apart, covering the seed a half-inch deep. A rich soil is preferable, but this plant will thrive anywhere. One ounce to 100 feet of drill.

Improved Very Early. A new French strain, highly recommended to market gardeners.....	....	....	....	60	10
Improved Moss. Leaves deeply cut and mossy, affording a supply of crisp, self-blanching salad.....	....	....	....	60	10
Improved Thick Leaved. Of our own growing; saved from open blossoms. Seven hundred bushels have been grown on three fourths of an acre.....	4 92	5 00	1 48	40	10
Common	1 92	2 00	58	25	10

W. T. Mead, Fort Edward, N. Y., writes: "Every one of the Reynolds Cabbage made a head."

PRICES OF SEEDS.

EGG PLANT. (German, *Eie pflanze*; French, *Aube gine*.)

Plant the seed in March, in a hot-bed; or, for family use, in flower pots in a warm window. Transplant in open ground after weather has become warm and settled, in rows two feet apart each way. They require a rich soil, and as favorable a location for warmth as the garden will afford. One ounce to fifteen hundred plants.

NEW WHITE PEARL. (New.) See page 3.....package only..... 15

Very Early Dwarf. A new French variety of Long Purple; extra early..... 30 10

Black Pekin. A new variety of Round Purple. Blackish violet leaves; fruit very large..... 3 92 4 00 1 23 40 10

Long Purple. Earlier and more productive, but smaller than Round Purple..... 98 30 5

New York Improved Round Purple. An excellent variety, surpassing in size of fruit..... 4 92 5 00 1 48 50 10

ENDIVE. (German, *Endivien*; French, *Chicoree*.)

For early use sow as soon as the ground can be worked in the spring, in drills fifteen inches apart, and thin plants to six or eight inches in the row. Any common garden soil will do; but a rather moist situation is preferable. To blanch the leaves, gather them carefully together when perfectly dry, and tie with matting or any soft fibrous material. Another method is to invert flower pots over the plants. The leaves are very highly esteemed for use as salads. One ounce for three thousand plants.

London Green Curled. Very popular..... 1 42 1 50 48 20 5

Fine Curled Mossy. Very ornamental..... 1 42 1 50 48 20 5

Broad Leaved Batavian. A large summer variety..... 1 42 1 50 48 20 5

GARLICS.

Plant the bulbs on exceedingly rich soil, in rows or in ridges fourteen inches apart, and six inches apart in the rows. They are cultivated for their flavor (which is similar to the onion, but more powerful), and are used in stews, soups, etc.

24 32 10

GOURDS.

The larger varieties require the entire season to mature them, and the ornamental sorts are apt to grow too large if the ground is very rich.

Hen's Egg. For nest eggs; housewives find these handy when darning stockings..... 25 10

Hercules Club. Grows four to six feet in length..... 25 10

Sugar Trough. Growing to several gallons' capacity; for holding liquids they will last years..... 25 5

Double Bottle......package only..... 5

Dipper. Used as its name indicates.....package only..... 5

Angora.....package only..... 5

Fancy and Ornamental. Mixed varieties.....package only..... 5

KALE or BORECOLE. (German, *Blatter kohl*; French, *Chou vert frisé*.)

Plant the larger sorts in hills two by three feet apart, and thin to one plant to the hill. Select deep, rich soil, and cultivate as cabbage. Some of the varieties are very ornamental, and scattered singly are attractive in the flower-garden, being finely curled and variegated with green, yellowish, white, bright red, and purple leaves. The tender leaves are used as cabbage.

Large-Leaved Jersey. Large, curled, light green leaves, with white ribs..... 20 5

Carter's Thousand Head. Remarkable for the great amount of green feed per acre. Very hardy..... 92 1 00 30 10 5

Siberian or German Greens. Sow in fall for use in spring..... 92 1 00 30 10 5

Green Curled Tall Scotch. One of the best varieties for market..... 92 1 00 30 10 5

Dwarf Green Curled. Very hardy; a standard market sort..... 92 1 00 30 10 5

KOHL RABI or TURNIP CABBAGE. (German, *Kohl Rabi*; French, *Chou rave*.)

Prepare ground as for cabbage, then plant about the first of June in rows two feet apart, thinning plants to twelve inches in the row. To preserve over winter, treat as turnips. When young, their flesh is tender and resembles a fine Ruta-Baga, with less of the turnip flavor. When fully matured, they are excellent for stock. One ounce to two thousand plants.

Early White Vienna. A standard early kind..... 2 92 3 00 98 30 5

New Goliath. The largest of all the varieties; deep purple..... 25 10

Large Purple. Very large, hardy and productive; for stock..... 1 92 2 00 58 30 5

LEEK. (German, *Lauch*; French, *Poireau*.)

Select good onion soil, manure liberally, and plant in April in drills made six to eight inches deep and eighteen inches apart, and thin to nine inches apart in the drill. Gradually draw the earth around the plants until the drills are filled level with the surface. Draw for use in October. To be used in soups or boiled as asparagus. One ounce to a thousand plants.

Broad Scotch or Flag. A large and strong plant..... 1 42 1 50 48 20 5

American Flag. A fine variety..... 1 42 1 50 48 20 5

Large Musselburg. A standard English variety..... 2 42 2 50 73 25 5

Extra Large Carentan. A very fine extra large winter variety..... 2 42 2 50 73 25 5

LETTUCE. (German, *Lattich*; French, *Laitue*.)

Lettuce covets a rich and rather moist soil. The rows should be about twelve inches apart, and the plants thinned from eight to twelve inches apart for the heading varieties. When heads are not desired, it may be grown in a mass. The more rapid the growth, the better the quality. Some varieties are peculiarly adapted for early culture, others for summer growth. One ounce for three thousand plants.

LEARNED'S BLACK SEEDED TENNIS BALL. For forcing. (New.) See page 6..... 50 10

Large Boston or Big Boston. (New.) See page 21..... 2 42 2 50 73 25 5

Ward's White Tennis Ball. For culture under glass; Boston market gardeners' fine strain, very desirable..... 3 92 4 00 1 23 40 10

New Hot-house Forcing. See page 21..... 3 92 4 00 1 23 40 15

White Tennis-Ball or Boston Market. The variety so extensively grown by the Boston marketmen during winter. A fine early sort, small heads, very hardy; for winter culture..... 1 17 1 25 38 15 5

Denver Market. (New.) See page 21..... 1 42 1 50 48 20 10

Stone-Head Golden-Yellow. We invite gardeners to test this for quality with the very best variety they know, believing that this will bear the palm for forcing..... 1 42 1 50 48 20 5

Grand Rapids. Beautiful in appearance, strong grower, tender and crisp. Fine for forcing..... 1 17 1 25 38 15 5

Black-Seeded Tennis-Ball. Hardy, excellent for early crops; large heads. A favorite in Boston market..... 1 17 1 25 38 15 5

Early Curled Silesia. Very early, tender, sweet; a popular variety for hot-beds or early outdoor culture..... 1 02 1 10 33 15 5

Early Butter Head. An excellent sort; a great favorite..... 1 02 1 10 33 15 5

Early Curled Simpson. Resembles Silesia, but is more curled and not so early..... 1 02 1 10 33 15 5

Black-Seeded Simpson. An improvement on the Simpson, being finer in many respects..... 1 02 1 10 33 15 5

Early Prize Head. An acquisition; runs to seed slowly; very tender and of fine flavor..... 1 02 1 10 33 15 5

Satisfaction or Salamander. One of the best summer cabbage sorts; light green..... 1 17 1 25 38 15 5

Drumhead. Very large; heads crisp and tender. A standard sort..... 1 02 1 10 33 15 5

Hanson. See page 21. Extremely popular..... 1 42 1 50 48 15 5

Sugar Loaf. See engraving and description on page 21..... 1 42 1 50 48 20 10

Green Fringed. Extremely ornamental, the leaf edge being elegantly fringed; unique..... 20 5

Marblehead Mammoth Cabbage. (New.) See page 21..... 1 42 1 50 48 20 10

Robert Hunter, Grand Forks, N. D., writes: "Your Hard Heading is the finest cabbage that was ever put into market."

PRICES OF SEEDS.

LETTUCE—Continued.

	lb. exp.	lb. mail	½ lb.	oz.	pkg.
Deacon. It forms large, very solid heads of an attractive light green color; very crisp and tender. Many of the very solid heads refuse to send up any seed spikes unless cut.....	1 17	1 25	38	15	5
Defiance. Light green color, makes large heads, does not seed quickly. Fine for summer.....	1 17	1 25	38	20	5
Buttercup. Bright chrome-yellow; combining delicate flavor with beauty of foliage.....	1 17	1 25	38	15	5
Blonde Block-Head. (New.) A fine heading summer variety, of a bright yellowish green color.....	1 17	1 25	38	20	5
Red Besson. This heads as well as Fottler's Cabbage, and is of fine quality; brown and green.....	1 02	1 10	33	15	5
True Boston Curled. The most elegant Lettuce of all. Quality good; very popular.....	1 02	1 10	33	15	5
All-the-Year-Round. Does not tend to seed; heads hard and crisp.....	1 42	1 50	48	20	5
Oak Leaved. Leaves oak shaped; very striking in appearance; tender and sweet.....	.....	.....	.....	20	5
Brown Genoa Cabbage. Medium, round head stained with red. One of the best for summer or winter use.....	.....	.....	.....	20	5
Improved Spotted Cabbaging. Fine head; green shaded with brown; quality first rate.....	.....	.....	.....	20	5
Perpignan. Heads sometimes seven inches in diameter. Fine summer variety. Not inclined to seed.....	.....	.....	.....	20	5
Versailles Cabbage. A fine summer variety; light green; makes large heads.....	.....	.....	.....	20	5
Bath Cos, White-Seeded. An improvement on the White Paris Cos.....	.....	.....	.....	20	5
White Paris Cos. Best of all the Cos varieties.....	.....	.....	.....	20	5
Six Choice Varieties. Mixed in one package.....	.....	.....	.....	20	5

MARTYNIA.

Plant two by three feet apart, leaving only one plant in a place. It produces an abundance of large, showy flowers, and the young pods, when sufficiently tender to be easily punctured by the nail, are used for pickles.

2 92 3 00 95 30 5

MUSKMELON. (German, *Melone*; French, *Melon*.)

Select warm and light soil; a poor, light soil is better than a cold and rich one. Thoroughly work the soil manure with guano, phosphate, or a rich compost, having the hills six feet apart for the musk varieties, and eight or nine for watermelons. Do not excavate hills, but work the manure just under the surface, as the roots of all vines naturally seek warmth. Pinch the more vigorous vines from time to time, and work in guano or phosphate between the rows. Plant a dozen or more seeds in each hill, but do not leave over two plants. Sprinkle young plants liberally with plaster or air-slacked lime to protect from depredation of insects.

SIX OAKS CANTALOUPE. (New.) See page 3.....	1 42	1 50	50	25	15
SHUMWAY'S GIANT. (New.) See page 3.....	92	1 00	40	20	10
Columbus. (New.) See page 23.....	1 17	1 25	38	15	10
Extra Early Hackensack. (New.) See page 23.....	92	1 00	30	15	5
Extra Early Cantaloupe. The earliest of the musks; large, showy, and of fair flavor.....	92	1 00	30	15	5
Early Jenny Lind. An early sort; favorite with gardeners.....	72	80	23	10	5
Early Nutmeg or Green Citron. Green flesh, Boston variety; earlier than Nutmeg grown farther south.....	67	75	23	10	5
Christiana or Boston Pet. (True.) Remarkable for early maturity.....	72	80	23	10	5
Netted Gem or Pineapple. See page 22.....	82	90	28	10	5
New White Japan. Fresh greenish white; early and prolific; sweet, delicious.....	72	80	23	10	5
Hackensack. See page 22.....	72	80	23	10	5
Skillman's Fine Netted. Of delicious flavor; early.....	72	80	23	10	5
Sill's Hybrid. See page 22.....	82	90	28	10	5
Miller Cream. See page 22.....	1 02	1 10	33	15	10
Irondequoit. (New.) See page 23.....	92	1 00	28	10	5
Delmonico. (New.) See page 22.....	92	1 00	28	10	5
Osage. Round in shape, salmon fleshed, delicious; second early. Allied to the Miller.....	1 02	1 10	33	15	10
Emerald Gem. See page 23.....	92	1 00	28	10	5
Bay View. Flesh green; sweet and spicy; hardy, vigorous, and productive; long round in shape.....	72	80	23	10	5
Ward's Nectar. Early, exceedingly prolific, sweet, rich, and delicious; green fleshed.....	72	80	23	10	5
Surprise. Early, productive, and delicious; salmon flesh; first class. See page 22.....	72	80	23	10	5
Chicago Nutmeg. Of larger size than Boston Nutmeg; growing in favor.....	72	80	23	10	5
Montreal Nutmeg. See page 23.....	72	80	23	10	5
Casaba. A very large, long, green-fleshed melon, of delicate flavor, thick fleshed, melting, and delicious.....	72	80	23	10	5
Long Yellow. Large, sweet, productive; a well-known sort.....	72	80	23	10	5
Banana. See description on page 22.....	72	80	23	10	5
Large Boston Nutmeg. Larger than the common nutmeg; much grown around Boston.....	72	80	23	10	5
Bird Cantaloupe. See page 22.....	72	80	23	10	5
Champion Market. See page 22.....	92	1 00	28	10	5
Mango Melon or Vine Peach. These resemble oranges in color, shape and size. Fry as eggplant when green.....	.....	.....	.....	15	5
Fottler's Mango. Long in shape. Fine for pickles, when picked green.....	.....	.....	.....	15	5

WATERMELON. (German, *Wassermelone*; French, *Melon d'eau*.) One ounce for 30 hills.

Vick's Early. See page 23.....	72	80	23	10	5
Phinney's. For hardness, vigor, and productiveness unexcelled; early, reliable, red fleshed.....	67	75	23	10	5
Kolb's Gem. See page 24.....	67	75	23	10	5
Rattlesnake. The long, large, mottled-green watermelon of commerce; very popular.....	67	75	23	10	5
Ferry's Peerless or Ice Cream. Large, early, very sweet, very prolific.....	67	75	23	10	5
Dixie. (New.) See page 24.....	87	95	28	10	5
Vaucluse. (New.) See page 24.....	87	95	28	10	5
Ruby Gold. (New.) See page 23.....	87	95	28	10	5
New Gragg. (New.) See page 23.....	87	95	28	10	5
Seminole. See page 23.....	82	90	28	10	5
Green and Gold. (New.) See page 23.....	72	80	23	10	5
Jordan's Gray Monarch. Skin, mottled gray in color; flesh, bright crimson; sweet, delicious flavor.....	72	80	23	10	5
Icing or Ice Rind. Oblong; rind, light green; white seeded; of good size, fine flavor, very prolific.....	72	80	23	10	5
Honey. One of the earliest. Medium sized, yellow fleshed, deliciously sweet.....	87	95	28	10	5
Dark Icing. See page 23.....	72	80	23	10	5
Gipsy. Very large, very productive. The principal variety grown in N. J. and sent to Northern markets.....	67	75	23	10	5
Mountain Sweet. An old standard variety; early, solid, sweet, delicious; fine for Northern cultivation.....	62	70	23	10	5
Florida Favorite. See page 23. Our stock is direct from the originator.....	72	80	23	10	5
Pride of Georgia. Dark green, grows large, firm fleshed, good shipper, crisp and sweet.....	72	80	23	10	5
Iron Clad. So called because they handle well; resembles Gipsy; red fleshed, delicious.....	72	80	23	10	5
"The Boss." Dark skinned, medium sized, medium early, leads in appearance and eating quality.....	72	80	23	10	5
Scaly Bark. Skin rough-looking; remains in eating order long while after gathering.....	72	80	23	10	5
Cuban Queen. A large mottled green round variety; red fleshed, solid; fine quality.....	72	80	23	10	5
Odella. Early; of large size; dark green in color; round in shape; good in quality.....	72	80	23	10	5
Cream-fleshed Sculptured Seeded. Of fine quality; seeds curiously sculptured.....	72	80	23	10	5
New Orange. Improved in size; the rind will peel like an orange when fully ripe.....	72	80	23	10	5
Citron. For preserves only; hardy, and very productive.....	72	80	23	10	5

H. G. Van Doren, Port Lavaca, Tex., writes: "Never as yet a poor seed from you for 30 years."

MUSHROOM SPAWN. Full directions for cultivation on label.

French.....
English.....

MUSTARD. (German, *Seuf*; French, *Moutarde*.) For Ground Mustard, see page 26.

Sow in drills one foot apart, and cover seed half-inch deep. Thrives readily in almost any soil. Water frequently in dry weather, and for a succession sow every two weeks during the season. Used principally for salads.

Tuberous Rooted. (New.) This produces a bulb resembling a turnip.....
Chinese. A fine sort for greens.....
White or Yellow. For salad or medicinal purposes.....

NASTURTIUM. (German, *Indianische Kresse*; French, *Capucine*.)

Plant in May in rows; the climbing varieties to cover some arbor or fence, or climb or twine around the house; the dwarf kind in hills or in rows two feet apart. The leaves are used for salad, and the seeds, when soft enough to be easily penetrated by the nail, for pickles. If each plant of the dwarf variety is allowed room to perfect itself, the plants grow very symmetrical.

Tall. An ornamental climber.....
Dwarf......

OKRA or GUMBO. (German, *Esbarrer*; French, *Gumbo*.)

Select warm and rich soil, and plant when the ground becomes warm, in rows two feet apart, thinning plants a foot apart in the row. The pods are used to thicken soups, being gathered when young. In the North they require the warmest locations, and it is better to start them in a hot-bed. The seeds are a long time in germinating.

Improved Early Dwarf. Grows but about fifteen inches high, and bears numerous long pods.....
Early Dwarf. White, small, and round; pods smooth.....
White Velvet. Pods smooth, exceedingly tender and well-flavored; very prolific.....
Long Green. Later and more productive.....

ONION. (German, *Zweibel*; French, *Oignon*.) (For full description of many varieties see pages 24-26.)

No discount on Onion Seed of our own growing.

In some parts of the country the term "Silver-Skin" denotes a white variety, in other parts a yellow variety. Please indicate in your order which you want. The soil should be free from large stones. Apply from eight to twelve cords of rich, fine compost to the acre. Plough not over five inches deep, and work well with cultivator. Plough again at right angles with first furrows, and cultivate again. Now rake level and fine, and plant seed in rows fourteen inches apart at rate of four pounds to the acre. Keep very clean of weeds. When ripe, pull and dry very thoroughly before storing. For full particulars, see our work on "Onion Raising." Plant Onion sets two inches apart in rows a foot apart. To grow sets, plant the seed at the rate of thirty to sixty pounds to the acre.

Early Flat Red. A capital sort where the seasons are short. (*Our own growing*).....
Early Yellow Cracker. An improvement on Large Yellow, being much earlier. (*Our own growing*).....
Extra Round Yellow Globe Danvers. (New.) (*Our own growing*).....
Early Round Yellow Danvers. (True.) Large, round, profitable. (*Our own growing*).....
Southport Early Red Globe. (New.) Our own growing.....
Early Red Globe Danvers. Early; most productive and handsomest of the reds. (*Our own growing*).....
Philadelphia White. The best variety to grow sets from.....
White Portugal. Very early; mild flavored; not a good keeper.....
Yellow Strasburg or Large Yellow. A late standard variety.....
Southport White Globe. The favorite in N. Y.; would not advise growing it north of Southern Conn.....
Southport Late Red Globe. A great cropper; is late; would not advise to raise north of Southern Conn.....
Large Red Wethersfield. Time-honored variety. Very large, pleasant flavored, and keeps well.....

Foreign Varieties. These need to be sown thicker than the other sorts.

Barletta. See page 24.....
White Pearl. The earliest of the large-sized white varieties.....
New Queen. A new white onion, excepting Barletta the earliest of all. As fine as it is early.....
White Dutch. See page 25.....
Large Flat White Italian......
Teneriffe or Bermuda. Early, brown in color, very mild flavored, adapted for cultivation at the South.....
Prizetaker. (New) See page 26.....
Mammoth Tripoli. One of the largest of the giant foreign varieties; light red and of mild flavor.....
Nasby's Mammoth. An Italian yellow variety, excelling in size and mild flavor.....
Giant Rocca. A new Italian variety. Of the mammoth class, reddish-yellow in color.....

Onion Sets, Etc.

White Multipliers. (New).....per peck, express, \$2.25; qt., express, 40c.; qt., mail, 52c.
Potato Onions. The bulbs of these are planted.....per peck, exp., \$1.75; qt. exp., 35c.; qt., mail, 47c.
White......Prices (subject to change) bush., \$7.00; peck, \$2.00; qt., exp., 33c.; qt., mail, 45c.
Yellow......Prices (subject to change) per bushel, \$6.00; peck, \$1.75; qt., 33c.; mail, 45c.
Egyptian, or Perennial Tree. (New.) For prices see page 25. Ready from middle Aug.....

PARSLEY. (German, *Petersilie*; French, *Persil*.)

Select rich soil and sow the seed in drills, one foot apart, covering half-inch deep. The seed is usually from fifteen to twenty-five days in vegetating. Thin plants to four inches apart when two inches high. The beauty of the plant may be increased by several successive transplantings. It is used principally for flavoring soups, etc., and garnishing in its natural state; also for edgings in flower-gardens and for bouquets.

Beauty of the Parterre. Most beautiful foliage of intricate quilled leaflets.....
Plain or Single......
New Perpetual. This variety does not tend as much as the others to run to seed.....
Fern Leaved. A most beautiful, mossy sort; valuable for decoration.....
Dwarf Curled. Finely curled; good for edging or table ornament.....
Myatt's Garnishing. Double curled.....
Carter's Champion. Moss Curled; elegant for garnishing.....
Carter's Covent Garden Garnishing. Probably the best of its type.....

PARSNIP. (German, *Pastinake*; French, *Panais*.)

Give the richest and deepest soil to the long varieties of Parsnip; the Turnip sort will grow well on shallow soil. Make the soil very fine, and plant the seed early in rows eighteen inches apart, thinning plants to five inches in the rows. The seed should be planted half-inch deep. To keep well in the ground over winter, draw a little earth over the tops. One ounce to one hundred and fifty feet of drill.

Round Early or Turnip. A new French sort; excellent for shallow soil, shaped like a turnip.....
Large Dutch. Large and sweet. A standard kind.....
Abbott's Improved Hollow Crowned. The best Hollow Crowned; considered superior in quality.....
Maltese. A new, long English variety.....

PRICES OF SEEDS.

lb. exp.	lb. mail	1 lb.	oz.	pkg
35	43			
15	23			
82	90	28	10	5
32	40	15	10	5
1 17	1 25	38	15	5
1 32	1 40	48	20	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5
2 42	2 50	73	25	10
2 42	2 50	73	25	10
2 92	3 00	98	30	10
2 42	2 50	73	25	10
2 42	2 50	73	25	10
2 42	2 50	73	25	10
3 42	3 50	1 10	35	10
3 42	3 50	1 10	35	10
1 92	2 00	58	20	5
3 42	3 50	1 10	35	10
2 17	2 25	58	20	5
1 92	2 00	58	20	5
2 42	2 50	73	25	5
2 92	3 00	98	30	10
1 92	2 00	58	20	5
2 42	2 50	73	25	5
1 92	2 00	58	20	5
2 92	3 00	98	30	10
1 92	2 00	58	20	5
1 92	2 00	58	20	5
1 27	1 35	40	20	5
52	60	18	10	5
92	1 00	30	15	5
92	1 00	30	15	5
92	1 00	30	12	5
92	1 00	30	12	5
92	1 00	30	12	5
92	1 00	30	12	5
62	70	23	10	5
52	60	18	10	5
52	60	18	10	5
52	60	18	10	5

James O. Gunter, Drain, Ore., writes: "Your Marblehead Marrowfat Peas are a 'reality' of genuine merit."

PRICES OF SEEDS.

PEAS. (German, *Erbse*; French, *Pois*.)

Of the numbers printed against the Peas, 1 indicates first early class; 2, second early; and 3, late class. Those marked with a star (*) are wrinkled varieties, the sweetest of all, but, being liable to rot, need to be planted thicker and later than the round sorts.

Very Dwarf. (Under one foot. These very low varieties require no sticking.)

While the tall sort will run too much to vine if liberally manured (it being better to depend upon the richness of land that has been previously in good cultivation), the dwarf varieties, on the contrary, will bear pretty liberal manuring. Have the dwarfs, that grow not over fifteen inches high, in rows two feet apart; those varieties attaining the height of from two to three feet, in rows three feet apart; and the rows of the tallest sort, four feet apart. One quart to 100 feet. Seventy samples planted at same time in our experimental garden gave us a continuous supply for six weeks for family use.

	peck exp.	bush exp.	qt. exp.	qt. mail	pkg.
1. * American Wonder. See description on page 28. Headquarters stock, warranted true.....	2 00	7 00	35	50	10
1. * Nott's Excelsior. (New.) See page 27.....	4 00	.....	65	80	10
1. * Carter's Extra Early Premium Gem. Improvement on Little Gem. More prolific, longer podded...	1 75	6 00	30	45	10
1. * McLean's Little Gem. A wrinkled pea nearly as early as Tom Thumb; quality first rate.....	1 75	6 00	30	45	10
1. * King of the Dwarfs. See page 28.....	2 00	.....	35	50	10
1. * William Hurst. A critical neighbor of ours will have this as the best early dwarf wrinkled pea.....	2 00	.....	35	50	10
1. Improved Tom Thumb. One of the earliest; pods well filled; very productive.....	1 60	5 50	30	45	10
1. McLean's Blue Peter. Early; of fine quality; pods larger than Tom Thumb, but not so numerous.....	1 50	5 00	25	40	10

Dwarf. (From 2½ to 3 feet.)

All varieties under this class will do without bushing, but on rich garden soil will generally do better bushed.

SUNOL. (New.) See page 4.....	1 75	6 00	35	50	10
1. Extra Early Very Dwarf Edible Pod. The earliest of all the edible pod varieties.....	.....	.....	45	60	10
1. Early Prize. See page 28.....	1 50	5 00	25	40	10
1. Hancock. A new seedling of American origin. A first early; first-class for early market. See page 28.....	1 50	4 50	25	40	10
1. Bergen Fleeting. See page 28.....	1 50	5 00	25	40	10
1. Extra Early Dan O'Rourke. One of the earliest standard market varieties; very productive.....	1 25	4 00	25	40	10
1. Philadelphia Extra Early. The standard early variety in Philadelphia markets.....	1 25	4 00	25	40	10
1. Kentish Invicta. Very early, and of great promise. Crop ripens altogether.....	1 25	4 00	25	40	10
1. * Laxton's Alpha. The best early wrinkled market pea. In yield it probably surpasses any early sort....	1 25	4 50	25	40	10
1. Alaska. This being a blue pea is of fine quality, besides being extra early.....	1 25	4 50	25	40	10
1. Earliest of All. Very early; blue seeded, and of rich flavor.....	1 25	4 00	25	40	10
1. Maud S. First rate, as early as Hancock, with larger pods.....	1 25	4 50	25	40	10
1. * Bliss' Abundance. See page 28.....	1 25	4 50	25	40	10
1. * Bliss' Ever-Bearing. Very productive; peas large and delicious; continues well in bearing.....	1 20	4 25	25	40	10
1. * Hosford's Market Garden. See page 28.....	1 25	4 50	25	40	10
1. * McLean's Advancer. Now recognized as the standard second early market pea. See page 28.....	1 25	4 50	25	40	10
1. * Shropshire Hero. This follows Advancer, growing larger pods of finest flavor, 2½ feet.....	2 00	.....	40	55	10
1. * Delicious. See page 27. This is one of the latest sorts.....	1 25	4 00	25	40	10
1. Carter's Pride of the Market. A late, long-podded English variety, of robust habit, very productive...	1 75	6 00	30	45	10
1. Fill-Basket. A large, very handsome, and productive sort; very prolific.....	1 25	4 50	25	40	10
1. * Dwarf Champion. See page 28.....	1 75	6 00	30	45	10
1. Brown's Dwarf Marrowfat. The earliest of all marrowfats; dwarfish habit. Fine American variety...	1 25	4 00	25	40	10
1. * Yorkshire Hero. Large late wrinkled dwarf; peas remarkably large; capital sort for kitchen garden...	1 25	4 50	25	40	10
1. * PARAGON. (New.) See page 4.....	.....	.....	45	60	10
1. * HEROINE. (New.) See page 4.....	.....	.....	50	65	10
1. * Carter's Stratagem. Long-podded; very large peas; first rate for the family garden. This variety is not absolutely pure.....	2 00	7 00	35	50	10

Tall Varieties.

3. Marblehead Early Marrowfat. (New.) See page 27.....	1 75	6 00	35	50	10
3. Telephone. See page 28.....	1 50	5 00	30	45	10
3. Tall Butter Sugar. This with its thick, pulpy, large pods is to be cooked pods and all.....	.....	.....	45	60	10
3. * Champion of England. An old favorite; rich flavored and very productive. Four to five feet.....	1 00	3 75	25	40	10
3. Black-Eyed Marrowfat. An old favorite; large-podded; prolific; capital for market. Three to four ft.	75	2 25	20	35	10
2. Royal Dwarf Marrowfat. Not so tall as Large White Marrowfat; earlier than Champion of England...	75	2 25	20	35	10
3. Large White Marrowfat. A standard late sort.....	75	2 25	20	35	10

PEPPER. (German, *Pfeffer*; French, *Piment*.)

Peppers should be started in a cold frame or hot-bed. Transplant the young plants into the open ground towards the close of May, in a very warm location, having the rows eighteen inches apart; thin plants a foot apart in the rows. The ground should be made very rich, either by high manuring before plants are transplanted, or by liberal application of guano, liquid manures afterwards. One ounce to fifteen hundred plants.

	lb. exp.	lb. mail.	¼ lb.	oz.
Cardinal. (New.) See page 29.....	.....	.....	35	5
Squash or Flat. The variety generally planted for family use; large and thick-fleshed; best for pickling...	2 42	2 50	73	25
Large Bell. A standard sort.....	2 42	2 50	73	25
Large Sweet Mountain. Very large, and excellent for mangoes.....	2 42	2 50	73	25
Ruby King. See page 29.....	2 92	3 00	98	30
Child's Celestial. Beautiful. Fruit, two inches long, creamy white changing to deep scarlet.....	2 92	3 00	98	30
Procopp's Giant. One of the largest; flesh thick, glossy scarlet, sweet and mild. A Mango variety.....	.....	.....	30	10
Spanish Monstrous. On good soil will grow six inches long and two inches in diameter.....	.....	.....	30	10
Long Red or Santa Fe.	2 42	2 50	73	25
Cherry. Small, smooth, and round; a great bearer.....	2 42	2 50	73	25
Cayenne. Small, long, and tapering; very hot; best for seasoning pickles.....	2 42	2 50	73	25
Chili. Sharply conical, about two inches in length, one half inch in diameter. Brilliant scarlet when ripe...	2 42	2 50	73	25
Red Cluster. This resembles the Chili, but fruits in cluster on the ends of the branches.....	2 42	2 50	73	25
Black Nubian. Useful, ornamental. Fruit of a deep coal black color turning to a rich maroon..package only	.....	.....	.....	10
Coral Gem. Beautiful small shining red pods, very prolific and fine for seasoning.....package only	.....	.....	.....	15
Golden Dawn Mango. Bell shaped; remarkably prolific and of a magnificent yellow color.....	2 42	2 50	73	25

POTATOES. (German, *Kartoffel*; French, *Pomme de Terre*.) See pages 4, 5, 30, 31, and 32.

PUMPKIN. (German, *Kürbin*; French, *Courge*.) Cultivate as squash, which see for general directions.

GIBSON. (New.) See page 29.....	72	80	25	15	10
Sugar. First rate for table or stock. See page 29.....	67	75	23	10	5
Cheese. Popular in the Middle States. Cheese-shaped, resembling in character the Crookneck Squash.....	42	50	18	10	5
Large Field. Good for stock.....	32	40	.....	10	5
Japanese. Shaped like Crookneck and Cashaw, but finer and sweeter; seed peculiarly marked.....	.....	.....	.....	15	5
Negro. The true old-fashioned black-warted shelled pumpkin, auld lang syne pie variety.....	82	90	28	12	5
Mammoth Red Etampes. (New.) See page 29.....	1 42	1 50	48	15	5
Michigan Mammoth. Excellent for stock. Grows very large, is a heavy cropper. See page 29.....	82	90	28	12	5

 **Capt. F. Ames, Pomona, Fla., writes: "Your seeds are most reliable for our gardens."** 

RADISH. (German, *Rettig*; French, *Radis*.) Very scarce this year.

For early use sow in spring as soon as the ground can be worked, in drills six to ten inches apart, covering seed half-inch deep. Thin plants an inch apart in the row. As the roots are more succulent and tender when grown quickly, a rich, light soil should be preferred, and frequently watering in dry weather will be found beneficial. For a succession, sow every two weeks. The olive-shaped varieties are more tender, sweeter, and earlier than the long kinds, and not so apt to be worm-eaten. One ounce for one hundred feet of drill.

	PRICES OF SEEDS				
	lb. exp.	lb. mail	1 lb.	oz.	pkg.
Strasbourg. (New.) See page 33.....	64	72	23	10	5
Long Brightest Scarlet. (New.) See page 33.....	1 00	1 08	28	15	5
Ne Plus Ultra. Deep Scarlet. (New.) See page 32.....	92	1 00	28	15	10
Early White Short Leaved. See page 33.....	92	1 00	28	15	5
Earliest Erfurt Scarlet Turnip. Short leaved; extra early; medium scarlet; for glass or open air.....	82	90	28	12	5
Early Scarlet Olive Shaped. French seed. Very early and handsome; quick growth, tender, excellent.....	57	65	18	10	5
French Breakfast. French seed. A beautiful variety of the Olive Radish, scarlet body and white root.....	57	65	18	10	5
Red Turnip-Rooted. Early scarlet. French seed. Standard early, popular in markets of New York.....	67	75	23	10	5
Scarlet Turnip, White Tipped. French seed. The name defines this elegant new turnip radish.....	60	68	18	10	5
Deep Blood Red. Early, deep blood red, oblong, turnip shaped, of fine quality.....	82	90	28	12	5
Beckert's Chartier. French seed. See page 32. This does not grow pithy as it grows large.....	67	75	23	10	5
Boston Long Scarlet. The longest of the long scarlets; fine quality stock headquarters.....	1 07	1 15	35	15	5
Carter's Selected Long Scarlet. Messrs. Carter & Co.'s best. Favorite with Boston market gardeners.....	57	65	18	10	5
Wood's Fine Frame. For cultivation under glass; very early. Shape between Olive and Long.....	52	60	18	10	5
Covent Garden or Long Scarlet Short Top. French seed. Considered best of all the Long Scarlet varieties.....	57	65	18	10	5
Golden Yellow Summer Turnip. French seed. (New.) See page 33. Color very rich; very earliest.....	1 00	1 08	28	15	5
White Turnip-Rooted. French seed. For summer and winter use.....	60	68	18	10	5
Black Spanish. The round variety; for winter use.....	75	83	23	10	5
Giant White Stuttgart. French seed. See page 32.....	62	70	23	10	5
Chinese Rose Winter. French seed. The best for winter use. Grows large and tender.....	72	80	23	10	5
Large White Russian or California Winter. French seed. A new winter sort eight to twelve inches long, and two inches in diameter. From the Chinese in California. An acquisition.....	72	80	23	10	5

RHUBARB. (German, *Rhabarber*; French, *Rhubarb*.) For prices of roots, see page 50.

Sow the seeds in drills eighteen inches apart, and cover one inch deep. Thin the plants to a foot apart. When the plants are one year old, prepare the ground for the final bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Set plants five feet apart each way. Do not cut until the second year, and give a dressing of manure every fall. If it is desired at any time to increase the bed, the roots may be taken up in the spring and divided. The seed will not always give plants like the parent.

Mammoth. The largest of all.....

Linnæus. Large, tender, and of excellent flavor. A well-known market variety.....

SALSIFY or VEGETABLE OYSTER. (German, *Bocksbart*; French, *Salsafis*.)

Sow in early spring, in light, rich soil, in drills fourteen inches apart, and thin the plants to three inches in the row. The roots will be ready for use in October, and will sustain no injury by being left in the ground during the winter. When cooked, the flavor somewhat resembles the oyster.

Common......

Mammoth Sandwich Island. (New.) Grows much larger and smoother than the common. See page 33.

SORREL. (German, *Sauerampfer*; French, *Oseille*.) **Large Leaved French.**

Sow in hot bed early in the spring, and transplant to the open ground, on warm, mellow soil, when the ground has become warm, setting the plants in rows two feet apart, and about sixteen inches apart in the row. As the seed is rather slow to germinate, it should be watered liberally in the hot-bed.

SPINACH. (German, *Spinat*; French, *Epinard*.) Liberal quotations for Spinach in quantities on application.

For summer use sow early in spring, in drills, eight inches to one foot apart, covering the seed one inch deep. Select rich soil, and manure liberally. A succession may be obtained by sowing at intervals of two weeks through the season. For very early spring use, sow in August. The plants are sometimes protected through the winter by a thick covering of straw, or some similar light covering. Spinach is used principally as greens for boiling, and is very highly esteemed for this purpose. One ounce for one hundred feet of drill.

Round-Leaved. The popular summer variety.....

Long Standing. As its name implies, the latest in seeding, consequently the best for garden use.....

Bloodsdales. Having a springy leaf, it lies lighter and keeps longer after cutting.....

Extra Large Round-Leaved. Grows to a large size.....

Prickly Seeded. The hardest variety; thick leaved. For fall sowing.....

New Zealand. Makes large plant; endures draught; best quality. Thought to promise well as forage plant.....

SQUASH. (German, *Garten-Keurbiss*; French, *Courge*.)

All vines delight in warm and rich soil. Prepare the ground by thoroughly pulverizing. Manure at rate of six or eight cords to the acre, working it just under the surface with the cultivator or gang plough. Plant in hills nine to ten feet apart for running varieties, and five or six feet apart for bush sorts; work some rich, fine manure into each hill. Leave two plants to the hill. Keep well covered with plaster or air-slacked lime in early stages of growth. Cultivate frequently until runners are well started. For full particulars in every department, see our work, "Squashes, and How to Grow Them."

THE FAXON. (New.) See page 5.....

White Early Bush. The earliest sort.....

Summer Crookneck. Early, fine for summer use.....

Golden Bush. A fine early summer sort.....

Italian Green Striped. The bush squash of Italy, long, green, yellow striped.....

Strickler Summer. (New.) See page 33.....

Dunlap's Early Prolific Marrow. See page 33. Can be planted later than Boston Marrow.....

Fordhook. Small cream colored, long in shape; of crookneck flavor; for family use.....

Illinois Beauty. Fall variety; twelve inches long, four inches in diameter. Color, green and yellow in alternate sections. Dry, fine-grained and sweet, very prolific.....package only.....

Boston Marrow. A standard fall squash; of a rich orange color, and very productive.....

American Turban. Decidedly the best of all fall squashes. See page 34.....

Essex Hybrid. See page 35.....

Warren. (New.) See page 34.....

Bay State. See page 35.....

White Chestnut. See page 33.....

Marblehead. For full description, see page 33.....

"The Butman." See page 34. Supremely excellent in December.....

Hubbard. Our introduction; now the standard winter squash throughout the United States.....

Sibley or Pike's Peak. See page 34.....

Cocoanut. See page 34.....

Mammoth Yellow or Chili. Has been grown to weigh from 100 to 300 pounds. See page 34.....

Canada Crookneck. The small, well-known, excellent kind.....

Large Winter Crookneck. The old standard sort, the best of keepers; coarse grained. See page 35.....

 Mrs. A. E. Conoway, Hitt, Mo., writes: "You don't half praise your Pike's Peak Squash." 


SUNFLOWER. Sow thinly in drills three feet apart, and thin to two or three feet apart in the row.
Common...... 27 35 15 10 5
Mammoth Russian. A fine variety. Valuable for poultry or vegetable oil. Flowers and seed very large.. 27 35 15 10 5

SWISS CHARD.

Cultivate as beets. The tops while young are boiled as greens, centre leaf cooked, and served like asparagus.

Ornamental Varieties. The leaf veins are white or brilliant scarlet and yellow; highly ornamental..... 15 5
Common Chard..... 72 80 23 15 5

TOMATO. (German, *Liebes-Apfel*; French, *Tomate*.)

 All of the list below, with but few exceptions, are of our own growing or grown for us by the originator.

Sow the seed in March and April in the hot-bed, or in pots in a sunny exposure in the house. If it is desired to make very healthy, stocky plants, they may be transplanted or repotted when about two or three inches high. When five or six inches high, if the ground has become warm, transplant to the open ground, on a rainy or cloudy day, if possible, if not, the young plants should be liberally watered and shaded from the hot sun. If it is desirable to have the fruit ripen as early as possible, in preference to a heavy crop, select rather light, poor soil, and a sunny location. Trimming off the laterals, training to a stake, and propagating by slips, are believed by many to promote earliness. Set the plants four feet apart each way, upon mounds of earth, to allow the foliage to open and let the sun in amongst the fruit. A cheap trellis, made by driving three stakes around the plants and enclosing them with three or four barrel hoops, makes a very nice support for training them on.

THE ARISTOCRAT. (New.) See page 5.....	.....	.....	.....	.....	15
BUCKEYE STATE. (New.) See page 5.....	.....	.....	73	30	10
EARLIEST OF ALL. (New.) See page 6.....	.....	1 23	40	10	10
Atlantic Prize. (New.) See page 35.....	2 42	2 50	75	25	5
Comrade. (New.) See page 35. This variety is remarkable for its smoothness and comely shape.....	.....	1 00	30	10	10
New Royal Red. (New.) See page 35.....	1 92	2 00	60	25	5
Cumberland Red. (New.) See page 36.....	.....	.....	60	25	5
BELMONT. (New.) A sport from Paragon, but much earlier; vigorous vine, very prolific.....	1 92	2 00	60	25	5
Canada Victor. Of our introduction fifteen years ago. For early and smooth it holds its own.....	2 17	2 25	68	25	5
Gen. Grant. Smooth, symmetrical, and solid. A popular market sort around Boston. First early.....	2 17	2 25	68	25	5
Alpha. A first early variety.....	2 17	2 25	68	25	5
Early Ruby. See page 35.....	.....	.....	25	5	5
Mitchell's New. (New.) See page 36.....	2 92	3 00	98	30	5
Red Cross. See page 35.....	2 92	3 00	98	30	5
The Lorillard. Best for forcing, fine flavor and solid fruit, and fine shipping constitution.....	.....	.....	30	5	5
Dwarf Champion. See page 35.....	2 42	2 50	73	25	5
Volunteer. A cross of Canada Victor, Trophy, and Perfection. Color, bright red; smooth and handsome.....	2 42	2 50	73	25	5
Optimus. Medium scarlet, vigorous, healthy, smooth, productive; free from rot; good size.....	2 42	2 50	73	25	5
Mikado or Turner's Hybrid. Of the Trophy class, very large, solid, good flavor, heavy cropper.....	2 42	2 50	73	25	5
Essex Hybrid. Earliness, deep purple color, handsome form, and good size make this popular.....	2 42	2 50	73	25	5
Paragon. Supply directly from Livingston, his first, and one of his best. A standard at the South.....	1 92	2 00	58	20	5
Livingston's Beauty. See page 35.....	1 92	2 00	58	20	5
Cardinal. Color, cardinal red; medium early, fruit large; ripens evenly.....	1 92	2 00	58	20	5
Livingston's Perfection. A splendid spherical tomato for canning or shipping, blood red, has few seeds. Supply directly from the originator.....	1 92	2 00	58	20	5
Livingston's Favorite. See page 35. Supply directly from the originator.....	1 92	2 00	58	20	5
Burpee's Matchless. Second early, large sized, smooth form, handsome color. Try it.....	1 92	2 00	58	20	5
Livingston's New Stone. (New.) See page 36.....	2 92	3 00	98	30	5
Ignotum. Second early, good sized, nearly round, very solid, fine flavor.....	1 92	2 00	58	20	5
Livingston's Acme. Supply directly from the originator. Differs from the Paragon in color only.....	1 92	2 00	58	20	5
Ponderosa. (New.) Monstrous; inclined to rot; better for show than use.....package only	.....	.....	.....	.....	5
Trophy. This magnificent variety is particularly valuable in the home garden.....	1 92	2 00	58	20	5
Yellow Victor. A beautiful medium size, golden-yellow, almost perfection in shape.....	1 92	2 00	58	20	5
Potato Leaf. Leaves resemble potato, purple, second early, great cropper.....	1 92	2 00	58	20	5
Peach. See page 35.....	.....	.....	25	5	5
Improved Ground Cherry. See page 35.....package only	.....	.....	.....	.....	10
Yellow Fig. Pear-shaped, and used to preserve as figs.....package only	1 92	2 00	58	20	5
Cherry. Flavor unsurpassed. Fruit small, but a wonderful cropper.....package only	.....	.....	.....	.....	5
New White Apple. Sweet, with rich, fruit-like flavor. Highly ornamental for the table.....	.....	.....	20	5	5
Yellow Plum. Small, elegant. Nice for preserves.....	.....	.....	20	5	5
Currant. Very elegant; resembles long bunches of currants; for ornament only.....package only	.....	.....	.....	.....	10

TURNIP. (German, *Rube*; French, *Navet*.)

For early use sow the small sorts as soon as the ground can be worked in the spring, in drills fourteen inches apart, the Ruta-bagas thirty inches. As the seed is very fine, it should be covered but slightly, excepting in very dry weather. Select light, if possible, new soil, and manure with plaster and ashes, or phosphates. Should the young plants be troubled with insects, a sprinkling of the same will be found beneficial. Of the early varieties thin the plants to six inches apart, and the Ruta-bagas to one foot. For fall and winter use the early kinds should be sown from the middle of July to the middle of August, and the Ruta-bagas from the middle of June to the first of July, using from one to one and a half pounds of seed to the acre. Turnips are extensively used as winter feed for cattle and sheep. "Swede" and "Ruta-bagas" being synonymous terms, the names below, given as they are generally used, will be readily understood. The English varieties are almost exclusively used for early planting for market. One ounce to one hundred and fifty feet of drill.

English Varieties.

Milan Strapped Leaf. See description on page 36. Seed very scarce this year.....	92	1 00	28	15	5
Purple Top Munich. A very early deep Purple Top variety, earlier than Red Top.....	45	53	18	10	5
Early White Dutch or Early Flat Dutch. Sharp leaves, small neck and top, color clear white, desirable..	45	53	18	10	5
Early Red (or Purple) Top Flat. Fine, sweet, mild; rapid grower; very early and popular.....	42	50	18	10	5
Early White Top Flat. Differs from Red Top only in color.....	42	50	18	10	5
Purple Top Globe. Contesting the field with the Red Top; a fine, thick, round, quick-growing variety....	45	53	18	10	5
White Stone or Snowball. A thick, early White Top. The favorite in the London market.....	45	53	18	10	5
Golden Stone. A fine, oblong, yellow-fleshed variety; very handsome; an acquisition.....	55	63	20	12	5
Improved Yellow Globe. Fine for family use or field culture. An excellent American variety.....	42	50	18	10	5
Orange Jelly. A round, yellow, English turnip, of finer quality than Golden Ball.....	45	53	18	10	5
Yellow Finland. Very elegant; less eaten by worms than most sorts.....	45	53	18	10	5
Green Top Aberdeen. Round, yellow-fleshed, and firm; a good keeper. This variety in earliness and for stock purposes is half-way between the early varieties and the Ruta-baga.....	45	53	18	10	5

PRICES OF SEEDS.

White Egg. See page 36. Headquarters stock. Large, handsome, early; keeps first rate.....
Pomeranian White Globe. A very fine white globe variety; round and thick.....
Long White Cowhorn. A fine strain, matures quickly, carrot-shaped, fine grained, and sweet.....
White Tankard. In shape resembling a tankard; white-fleshed; a very heavy cropper.....
Jersey Navet. A new English variety of white turnip; an underground turnip; early; very sweet.....

lb. exp.	lb. mail	$\frac{1}{2}$ lb.	oz.	pkg.
47	55	18	10	5
45	53	18	10	5
45	53	18	10	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5
47	55	18	10	5
47	55	18	10	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5
47	55	18	10	5
67	75	23	12	5
47	55	18	10	5
42	50	18	10	5
47	55	18	10	5

American Ruta-baga. Popular among market gardeners for table and stock; flesh very solid; keeps well.
Laing's Improved Swede. One of the earliest; a handsome round variety, of fine quality for the table....
Improved Purple Top Swede. See page 36.....
Hartley's Swede. One of the largest of Swedes; short-necked; round in shape; very fine; an acquisition.
Skirving's Purple Top Ruta-baga. Standard field variety for stock, fine for family use; yellow-fleshed.
Shamrock Swede. A popular English sort; short neck, and oblong in shape; yellow-fleshed.....
London Purple Top Swede. Round shape; grows larger size than Skirving's, and has a shorter neck....
Carter's Imperial Swede. Messrs. Carter & Co. rank this as the best of their Swede turnips.....
Budlong. (New.) See page 36.....
White Rock. Improvement on Large White French. Less apt to grow hollow than sweet German.....
Large White French, or White Swede. A white market Ruta-baga.....
Sweet German, or Russian. White, sweet, excellent; a first-rate keeper, from headquarters.

SWEET OR POT AND MEDICINAL HERBS. *Figure 1 denotes seasoning; figure 2 medicinal herbs.*

<i>For Ground Sage, see page 26.</i>		lb. exp.	lb. mail	½ lb.	oz.	pkg.		oz.	pkg.		oz.	pkg.		
1	Sage (Broad Leaved).....	2 42	2 50	68	30	10	2	Saffron.....	15	5	2	Lavender.....	20	5
1	Thyme, French, high flavored.....	.....	.....	73	30	5	2	Opium Poppy.....	30	5	1	Rosemary.....	40	5
1	Thyme, broad-leaved English.....	3 00	3 08	98	30	5	1	Coriander.....	10	5	1	Sweet Fennel.....	.....	5
1	Summer Savory.....	1 00	1 08	30	15	5	1	Sweet Basil.....	20	5	2	Fenugreek.....	.....	5
1	Sweet Marjoram.....	1 42	1 50	48	20	5	1	Dill.....	10	5	2	Catnip.....	.....	5
1	Caraway.....	50	58	18	10	5	2	Hyssop.....	25	5	5	Meliss Balm.....	.....	5
2	Horhound.....	2 85	2 93	98	30	5	2	Rue.....	25	5	2	Wormwood.....	.....	5

GRAINS, GRASSES, CLOVER SEEDS, FORAGE PLANTS, ETC.

GOLDEN WONDER MILLET. (New.) See page 5.....	50 lbs.	1 50	....	75	30	10
Wild Rice. Valuable forage plant for swamps; all kinds of stock fond of it.....				90	35	10
Japanese Buckwheat. See page 37.....	48 lbs.	45	1 25	50	20	10
Silver Hull Buckwheat. Husks thinner than common sort. Stands drought first rate.....	48 "	50	1 50	75	30	10
Saskatchewan Spring Wheat. See page 37.....	60 "	60	2 00	60	25	10
LINCOLN OATS. (New.) See page 6.....	32 "	60	1 50	75	30	10
Pringle's Progress Oats. (New.) See page 37.....	32 "	50	1 35	50	20	10
Race-Horse Oats. See page 37.....	32 "	50	1 35	50	20	10
Baxter's Barley. (New.) See page 37.....	48 "	75	2 50	75	30	10
Manshury Barley. (New.) See page 37.....	48 "	60	2 00	60	25	10
Spring Rye.	56 "	60	1 75	60	25	10
Winter Rye. A fine sample.....	56 "	50	1 50	60	25	10
Amber Cane. The standard sugar variety; also much used for fodder....per lb., per exp., 10 cts.	50 "	1 00	3 00	55	20	10
Orange Cane. A little later than the Amber, but richer in juice.....per lb., per exp., 10 cts.	50 "	1 00	3 00	55	20	10
Hungarian Grass. Magnificent forage for light land. Two crops may be grown same season....	48 "	....	....	55	20	10
German or Golden Millet. Broader and stouter than Hungarian, but later.....	48 "	75	2 00	60	25	10
Timothy Grass.	45 "	....	....	60	25	10
Red Top Grass. Extra clean seeds, as clean as Timothy.....				75	30	10
Orchard Grass.	14 lbs.	75	2 25	60	25	10
Lawn Grass. Fine mixture.....	16 "	1 25	4 00	1 00	40	10
Crimson Clover. This variety is fine for soiling cattle; has a beautiful blossom.....	60 "	....	....	90	35	10
Japan Clover. See page 37.....				1 00	35	10
Alsike Clover.	60 lbs.	....	....	90	35	10
Red Clover.	60 "	....	....	75	30	10
White Clover.	60 "	....	....	90	35	10
Lucerne. See page 37.....	60 "	....	....	90	35	10
Kaffir Corn. (New.) See page 37.....per peck of 15 lbs., per exp., \$1.25.				50	20	10
Milo Maize or Rural Branching Sorghum. See page 37...per peck of 15 lbs., per exp., \$1.25.				50	20	10
Doura Yellow. See page 37.....per peck of 15 lbs., per exp., \$1.25.				50	20	10
Soja Beans. See page 28.....per qt., per exp., 25 cts.; per mail, postpaid, 40 cts.		1 25	4 00	....	....	10
COW PEAS. We have two varieties, Black and Clay; best sorts. See page 37.....	60	1 75	....	....	....
Canada Field Peas. See page 37.....	60	1 75	....	....	....
Rape Seed.				60	25	10
Canary Bird Seed......per quart, postpaid, 35 cts.						
Cranberry Vines. See page 50.....						
Grafting Wax......per lb., per exp., 40 cts.					55	
Raffia, for tying, very soft and strong.....per lb., postpaid, 40 cts.; 4 lb., 15 cts.						

Prices for Red Clover, Lucerne, Timothy, Hungarian, and Red Top, in quantity, given upon application. *Our quotations are for first quality.*

INDEX TO DEPARTMENTS.

To Our Patrons, page 1.
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Novelties, Vegetable and Flower, pages 2 to 8.
Vegetable Novelties of Previous Years, pages 9 to 37.

General List of Flowers, pages 51 to 61.
Bulbs and Shrubs, pages 62 to 66.
Small Fruits, pages 67, 68 and 69.
Implements and Requisites, pages 69, 70, 71 and 72.
Fertilizers, third page of cover.

John Gregory, Bellefontaine, Ohio, writes: "I have used your seed for twenty years and always found them good and true to name."
R. Williams, Wappinger's Falls, New York, writes: "For twenty years I have found your seed fresh and reliable."

VEGETABLE PLANTS. (No discount.)

Grown from stock seeds supplied by us. Sent by express or freight at purchaser's expense. No plants sent C. O. D. or per mail.
All cold-frame and hot-bed plants are transplanted and well "hardened."

TOMATO. Hot-bed plants (ready in May).	Per doz.	Per 100.
New Stone.....		
Beauty.....	.40	2.50
Paragon.....	.40	2.50
Essex Hybrid.....	.40	2.50
Livingston's Favorite.....	.40	2.50

CELERY. Cold-frame plants (ready in June).	Per 100.	Per 1000.
Boston Market.....	1.00	7.00
White Plume.....	1.00	7.00
Golden Yellow Large Solid.....	1.00	7.00
Giant Pascal.....	1.00	7.00

CELERY. Outdoor sown (ready from July 15).	Per 100.	Per 1000.
Boston Market, extra large plants.....	.75	7.00

CABBAGE. Hot-bed plants (ready in April).		
Early Jersey Wakefield.....	1.25	8.00
Henderson's Early Summer.....	1.25	8.00
All Seasons.....	1.25	8.00

CABBAGE. For late crop (ready in June).		
Early Deep Head.....	.40	3.00
Warren.....	.40	3.00
Improved American Savoy.....	.40	3.00
All Seasons.....	.40	3.00
Gregory's Hard Heading.....	.40	3.00

PRICES OF CRANBERRY PLANTS ROOTED.

Early Black. This variety ripens earlier than the Bell, thus avoiding early frosts. Price per 1000, postpaid, \$4.00; per express, \$3.50; per 100, postpaid, 60 cts.

Cape Cod or Bell. The common sort. Price, per 1000, postpaid, \$3.50; per express, \$3.00; per 100, postpaid, 50 cts.
Directions for cultivation sent with each lot. No plants sent C. O. D. Prices in quantity given on application.

Prices of evergreen and deciduous tree seeds given on application.

TREE SEEDLINGS. 5 to 12 inches high, doz., mail, 30 cts.; express, 25 cts.; 100, mail, \$1.00; express, 75 cts.; 1000, express, \$6.00.
American Arbor Vitæ, Balsam Fir, American Spruce, Hemlock Spruce, White Pine.

COLLECTIONS OF VEGETABLE SEEDS.

No. 1.—33 PACKAGES of VEGETABLE SEEDS for the FAMILY GARDEN. Postpaid, \$1.00.

Beans, Dwarf Golden Wax.	Celery, Dwarf Golden Heart.	Melon, Water, Mt. Sweet.	Radish, Long Scarlet.
Beans, Golden Butter Pole.	Corn, Crosby's Early.	Onion, Danvers Yellow.	Radish, French Breakfast.
Beet, Bastian's Early.	Corn, Stowell's Evergreen.	Onion, Red Globe.	Sage.
Beet, Lentz.	Cucumber, Imp. White Spine.	Parsnip, Abbott's.	Squash, White Bush.
Cabbage, Pixie.	Cucumber, Boston Pickling.	Pepper, Bell.	Squash, Marblehead.
Cabbage, Fottler's.	Lettuce, Hanson and Silesia.	Peas, Champion of England.	Turnip, White Egg.
Cabbage, Prem. Flat Dutch.	Melon, Musk, White Japan.	Peas, Advancer.	Tomato, Favorite.
Carrot, Danvers.	Melon, Water, Rattlesnake.	Pumpkin, Sugar.	Tomato, Stone.

No. 2.—16 PACKAGES, POSTPAID, FOR 50 CENTS.

Beans, Dwarf Golden Wax.	Corn, Crosby's Early.	Melon, Musk, Christiana.	Radish, Covent Garden.
Beet, Lentz.	Corn, Stowell's Evergreen.	Melon, Water, Mt. Sweet.	Squash, Marblehead.
Cabbage, Fottler's.	Cucumber, Imp. White Spine.	Onion, Danvers Yellow.	Tomato, Favorite.
Carrot, Danvers.	Lettuce, Hanson.	Peas, Advancer.	Turnip, White Egg.

ONE PACKAGE CHOICE FLOWER SEEDS WITH EACH COLLECTION.

ASPARAGUS, HORSE-RADISH, RHUBARB ROOTS, FRUIT and HEDGE SEEDS, Etc. (No discount.)

Columbian Mam. White Asparagus Roots, one year old.	Price, per 100, postpaid, \$1.25; per 100, per express, \$1.00; per 1000, per express, \$8.00.
Palmetto Asparagus Roots, one year old.	Price per 100, postpaid, \$1.00; per 100, per express, 75 cts.; per 1000, per express, \$5.00.
Palmetto Asparagus Roots, two years old.	Price per 100, postpaid, \$1.35; per 100, per express, \$1.00; per 1000, per express, \$7.00.
Moore's Cross-bred Asparagus Roots, one year old.	Price, per 100, postpaid, \$1.00; per 100, per express, 75 cts.; per 1000, per express, \$5.00.
Moore's Cross-bred Asparagus Roots, two years old.	Price, per 100, postpaid, \$1.35; per 100, per express, \$1.00; per 1000, per express, \$7.00.
Conover's Colossal Asparagus Roots, one year old.	Price, per 100, postpaid, 90 cts.; per 100, per express, 65 cts.; per 1000, per express, \$5.00.
Conover's Colossal Asparagus Roots, two years old.	Price, per 100, postpaid, \$1.25; per 100, per express, 90 cts.; per 1000, per express, \$6.00.
Horse-Radish.	Price, per express, per 100, \$1.00; per 1000, \$7.00; per 100, per mail, \$1.25.
Rhubarb. Victoria and Linnæus.	Price, per express, 25 cts. each; \$2.00 per doz.; per mail, 40 cts. each; \$4.00 per doz.
Nansemont Sweet Potato Slips. Prices per express on application.....	Per 100, postpaid, 75 cts.; per doz., 20 cts.
Spearmint and Peppermint Roots. Recalling our grandmothers' gardens.....	Each, per bunch, postpaid, 25 cts.
Prickly Comfrey Roots. See page 37.....	Cuttings, postpaid, 30 cts. per doz.; per express, 25 cts.; per 100, per express, \$1.00.
Holt's Mammoth Sage Roots. These grow to double the size of the common sort; perfectly hardy.....	Per root, postpaid, 25 cts.
Artichoke, Mammoth. The best variety.	Price per bushel, by express or freight, \$3.00; per peck, \$1.00; per quart, postpaid, 40 cts.
Apple.	Price per peck, per express, \$1.75; per lb., postpaid, 40 cts.; per 1-4 lb., 15 cts.; per oz., 10 cts.; per pkg., 5 cts.
Pear.	Price, per lb., postpaid, \$1.75; per 1-4 lb., 58 cts.; per oz., 20 cts.; per pkg., 10 cts.
Berberry. See page 39.	
Yellow Locust. Honey Locust. Osage Orange	Each, per lb., postpaid, 58 cts.; per 1-4 lb., 18 cts.; per oz., 10 cts.; per pkg., 5 cts.

QUANTITY OF SEED FOR AN ACRE.

Seedsmen vary much in their directions for the quantity of seed to be planted to the acre. In the following list we give the quantities of the more common sorts where first-class seed is used. Of course the poorer the seed the larger the quantity required:—

Dwarf Beans, in drills.....	1½ bushels	Onions, for dry bulbs, in drills.....	4 pounds
Peas, that make small vines.....	1½ "	Onion seed for Sets, in drills.....	30 "
Peas, that make large vines.....	1½ "	Onion Sets, in drills.....	5 to 10 bushels
Beets, in drills.....	4 pounds	Potatoes in drills, cut, depends on number of eyes.....	8 to 14 "
Cabbage, in hills.....	8 ounces	Radish, in drills.....	5 pounds
Cabbage, in bed to transplant.....	2 "	Spinach, in drills.....	10 to 15 "
Carrots, in drills.....	1½ pounds	Sage, in drills.....	4 to 6 "
Muskmelon and Cucumber, in hills.....	1½ "	Squash, running varieties, in hills.....	2 to 2½ "
Mangold Wurzel, in drills.....	6 "	Tomato, in bed to transplant.....	2 ounces
Onions, for bulbs to sell green or to trace, in drills.....	6 to 8 "	Turnip, in drills.....	1 to 1½ lbs.

Wm. Henry Maule, Philadelphia, Pa., writes: "After trial we consider the Reynolds Early Cabbage one of the best early in the entire list."

CHOICE VARIETIES OF FLOWER SEED

We have aimed to include in our collection of Flower Seed standard varieties, with the addition of such kinds as have proved a real acquisition in floriculture. Many varieties that are usually advertised separately we have included in a single package under the name of "mixed varieties." Our three warrants we also throw around our Flower Seed, for it is our design that they shall be equally reliable with out Vegetable Seed. Let us remind our friends that Flower Seed, being for the most part very small, require extra precaution in the preparation of the soil, depth of planting, and protection from extremes of cold and wet. Do not, as a rule, plant in the open ground before the weather has become settled; better wait until the middle of May. Before planting, the soil should be made very fine and be well enriched. Then seed the size of sweet peas may be planted one and a half to two inches deep; and the very smallest seed should be planted barely under the surface, having fine earth sifted over them, and slightly packed with the hand, or a strip of board pressed upon it. It will keep the moisture in, and facilitate vegetation, if a newspaper is spread over the surface after planting, and kept down with stones for a few days. Thin out the plants when very small with a bold hand, and after they have attained the height of two inches thin again boldly. Give each plant plenty of room, according to its habit of growth; a common mistake is to crowd too much. Special rates when large amounts are ordered by clubs. Terms to dealers on application.

The letter "A" annexed to the name of varieties, signifies Annual; "B," Biennial; "P," Perennial.

ANNUALS grow, bloom and die the first year from seed. BIENNIALS bloom the second year from seed, and then die; though many, if sown early in the spring, will flower the first year. PERENNIALS usually bloom the second year from seed, and continue to grow and bloom for many years. Some will also bloom the first year if sown early.

FOR NOVELTIES IN FLOWERS SEE PAGES 7 and 8.

No. **Abronia Umbellata.** (A.) Price per pkg.
1 Handsome, trailing plants, with clusters of sweet-scented rosy-pink flowers, resembling the Verbena..... .05

Aconitum (Monk's Hood). (P.)

2 Grows well in any good soil, even when in the shade..... .05

Acroclinium. (A)

Very beautiful everlasting flowers. For winter bouquets, cut as soon as they begin to expand.

3 Acroclinium. Double mixed..... .05

Adlumia Cirrhosa.

(Mountain Fringe.) (B.)

4 An attractive climber, with beautiful feathery foliage and rose-colored flowers. Seed should be sown in May, near a trellis or arbor. The plants will flower freely without further care, the following season..... .10

Adonis.

Hardy plants, with delicate foliage, flowering freely, and of easy cultivation.

5 Adonis Evtivalis. (A.) Deep crimson..... .05

6 — Vernalis. (P.) (See cut.) A charming hardy variety, with large yellow flowers, blooming early in spring..... .10

Ageratum. (A.)

7 Ageratum. Choice mixed. Suitable for beds, and especially fine for cutting..... .05

Agrostemma. (A.)

8 Agrostemma. Mixed. Very pretty, free blooming, hardy plants, growing about one foot high. Should be set five inches apart... .05

Aristolochia (Dutchman's Pipe). (P.)

9 A beautiful hardy climber. Leaves large and luxuriant, flowers brownish yellow, in shape resembling a pipe..... .10

No. **Amaranthus.** (A.) Price per pkg.
Ornamental foliaged plants. They are most brilliant on poor soil. Half hardy.

10 **Amaranthus Tricolor Splendens.** The seed we offer was saved only from specimens remarkable for the brilliancy of their coloring... .10

11 — **Bicolor Ruber.** The lower half of leaf a fiery red scarlet, the upper half maroon. It is sometimes tipped with yellow..... .05

12 — **Melancholicus.** Blood-red foliage of brilliant beauty when lighted by the sun..... .05

13 — **Salicifolius.** From its graceful appearance sometimes called "Fountain Plant." The leaves change in color from a bronzy green to a brilliant scarlet as the plant attains age..... .05

Ammobium.

(Everlasting Flower.) (A.)

14 **Ammobium Alatum Grandiflorum.** Large, white-flowering variety, .05

Ampelopsis Veitchii.

15 For description see shrubs..... .05

Anagallis. (A.)

16 **Anagallis. Mixed.** Beautiful, trailing, hardy annuals about six inches high, desirable for small beds, edging, baskets, etc. .05

Arabis Alpena. (P.)

17 Hardy, herbaceous plant, with pure white flowers; blooms very early in the spring; fine for borders and rockwork..... .05

Alyssum. (A.)

Very fragrant, free-flowering, pretty plants for beds, edging or rockwork. Much used for bouquets on account of their delicate, honey-like fragrance

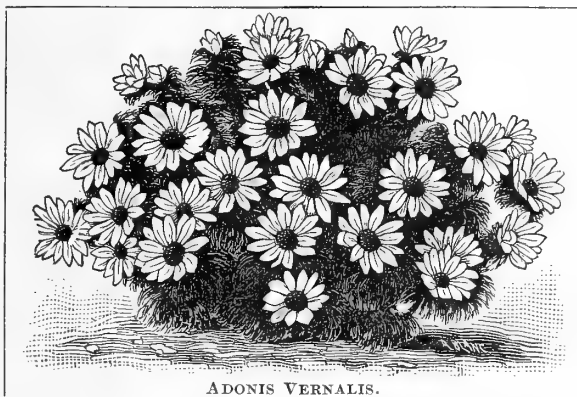
18 **Alyssum Sweet, Little Gem.** Very dwarf and compact, and blooms so profusely that the plants are a solid mass of white from spring till late in autumn..... .10

19 — **Sweet. White.** Per ounce, 30 cents..... .05

20 — **Saxatile. Yellow.** Extremely showy..... .10

Arnebia Cornuta (Arabian Primrose). (A.)

21 A rare and highly interesting annual. Its curious and beautiful flowers are over three quarters of an inch across, of a rich primrose yellow marked with five black spots. The latter turn the second day to deep maroon, and on the third day vanish, leaving the flower a clear bright yellow. Plants require a warm shady situation, grow in bushy form, about two feet high, and bloom profusely during the whole summer. Seed irregular in starting. .20



ADONIS VERNALIS.



COMET ASTER.

- 32 Aster, Mignon. Mixed15
This new variety resembles the Victoria race in habit, height and form, but blooms more profusely. Flowers globular and beautifully imbricated, in colors of light blue, lilac, rose, carmine-rose, crimson and white.
- 33 Aster, Queen of Market. Mixed. Fine in shape, and comes into bloom several weeks earlier than any other variety.15
- 34 — Queen of Market. White.15
- 35 Aster, Boston Florists'. White. The best and purest white grown for florists' use or bedding purposes. Very double and globular in form.10
- Aster, Truffaut's Paony-flowered Perfection. Flowers perfect in form, size and fullness, petals incurved. We offer the following colors of this fine class.
- 36 — — — Snow White.10
- 37 — — — Fiery Scarlet.10
- 38 — — — Dark Purple-red.15
- 39 — — — Black-blue.15
- 40 — — — Finest Mixed.10



TRIUMPH ASTER.

- 51 Aster, Pyramidal, Large and Double. Similar in style to the Paony variety, but more branching, with splendid, large, extra double flowers. Sixteen varieties mixed.10
- 52 — Hedgehog (or needle). With white centre. Six splendid varieties mixed.10
- 53 — Giant Emperor. Mixed. Flowers few, very double, often four inches in diameter.15
- 54 — Triumph. Dark Scarlet. (See cut.) The most beautiful and perfect of all dwarf Asters. The flowers are produced in great abundance, and are of the most faultless paony form. Fine and effective for bedding.15
- 55 — Dwarf, Brilliant Rose. Quite vivid and striking.10
- 56 — Dwarf, Fiery Scarlet. Very brilliant.10
- 57 — Boltze's New Dwarf, Bouquet. About eight inches high, are very double, rich and free-flowering; very fine for pots or beds. Six splendid varieties mixed.10
- 58 — Globe-flowered, Double German. Twelve splendid varieties mixed.10
- 59 — All varieties mixed. Fine mixture of tall and dwarf, in great variety of colors.10

Asperula Azurea. (A.)

- 60 Dwarf, hardy plants with fine foliage and deliciously fragrant, bright, sky-blue flowers; well adapted for shady places.05

Azalea. (P.)

- 61 An ornamental greenhouse shrub, and admirably adapted for a window plant. The roots being very fine it requires a light soil. Finest varieties mixed.25

Bachelor's Button (Centaurea). (A.)

- 62 A showy, hardy annual, about two feet high, succeeding well in any soil.05

Balloon Vine. (A.)

- 63 Ornamental climbing plant, remarkable for an inflated membranous capsule from which it derives its name.05

Browallia. (A.)

- 64 Bushy plants completely covered with blue and white flowers throughout the summer; fine for bedding or for pot culture in the winter.05

Byronopsis Laciniosa. (A.)

- 65 An elegant climber, with ivy-like foliage, and brilliant scarlet fruit exquisitely marked with white.05

ASTERS. (A.)

Price per pkg.

No.

Sow the seed early in the spring, under glass or in pots in the house, and transplant into rich soil one foot apart.

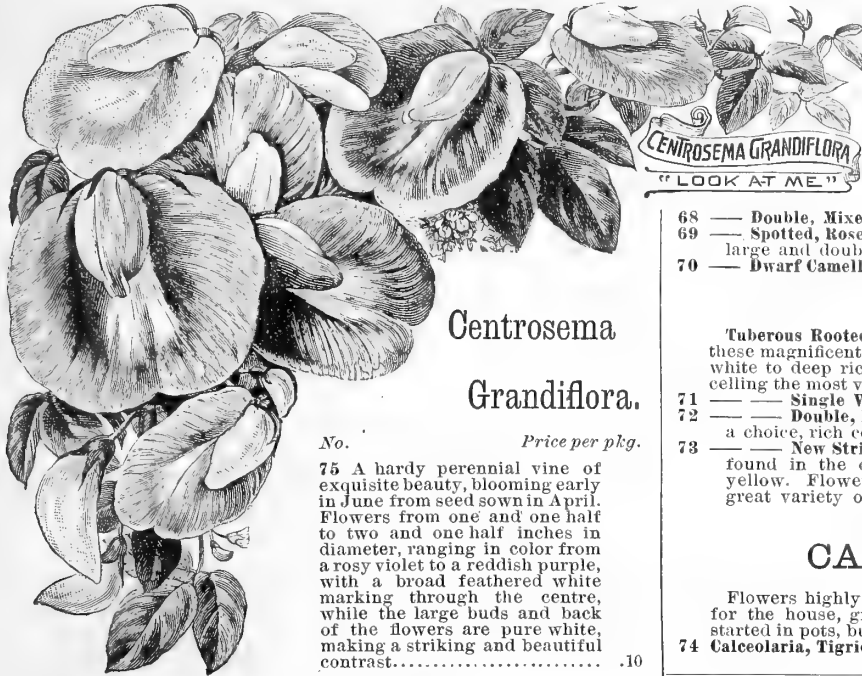
- 22 Aster, Snowball or Princess. (See cut.) A beautiful new aster, semispherical in form with quite short and thickly set imbricated petals. A single plant develops as many as thirty pure white flowers, which remain longer in good condition than any other varieties.15
- Aster, Ball or Jewel. The petals of these handsome and highly attractive new asters are so symmetrically incurved as to give them the exact shape of a ball. Flowers measure from two and one half to three inches across, and being borne on long stalks will prove very useful for cutting.
- 23 — — — Apple Blossom. Shell pink.15
- 24 — — — Deep Rose.15
- 25 — — — Purple-violet.20
- Aster, Washington Needle. Flowers large and double with curved petals as round as a knitting needle. Free bloomers.
- 26 — — — mixed.10
- 27 — — — white.10
- 28 Aster, Perfection. Flesh-colored. Flowers of the delicate "blush rose" tint, and perfect in form. A great acquisition.15
- 29 — — — Light Yellow. Beautiful creamy yellow; quite a new color in asters.15
- 30 Aster, Goliath. An acquisition of extremely vigorous growth, forming large bushes, profusely covered with very double flowers, immense in size. The seed which we offer is a fine mixture of white, rose, dark-blue, ash-gray, and crimson.15
- 31 Aster Harlequin. Dwarf in habit, flowers very double, with oddly striped petals.10

Aster, Comet. (See cut.) A beautiful new and very distinct variety, with long, wavy and twisted petals, resembling the Japanese Chrysanthemums; well-grown plants produced from twenty-five to thirty perfectly double flowers measuring from three to four inches in diameter.

- 41 — — — Snow White.20
- 42 — — — Light Blue.15
- 43 — — — Deep Rose.15
- 44 — — — Pink bordered with white.15
- 45 — — — Mixed.10
- Aster, Washington. Splendid variety, very large-flowering, extra double; fine for exhibition purposes.
- 46 — — — Pure White.20
- 47 — — — Peach Bloom. Very delicate tint.20
- 48 — — — Silver Gray.20
- 49 Aster, Victoria, Finest Mixed. An unrivalled and favorite class. Flowers very large and perfectly double, of globular shape.15
- 50 Aster, German, Double Quilled and Striped. Twenty splendid varieties mixed.05



SNOWBALL ASTER.



Centrosema Grandiflora.

No.	Price per pkg.
75 A hardy perennial vine of exquisite beauty, blooming early in June from seed sown in April. Flowers from one and one half to two and one-half inches in diameter, ranging in color from a rosy violet to a reddish purple, with a broad feathered white marking through the centre, while the large buds and back of the flowers are pure white, making a striking and beautiful contrast.....	.10

Callirhoe. (A.)

Beautiful, hardy, free-flowering plants, beginning to bloom when small, and continuing throughout the summer and fall.

76 Callirhoe, Pedata. Rich purple crimson, with white eye.....	.05
77 — Involucrata. A trailing variety of great beauty; large, purple-crimson flowers; desirable for hanging baskets.....	.05

Canary Bird Flower. (A.)

78 A highly ornamental creeper, with exceedingly beautiful yellow-fringed flowers and finely divided foliage.....	.05
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Candytuft. (A.)

A well-known, hardy annual, very useful for bedding and bouquets, and also for pot culture.

79 Candytuft, Empress. Strong, free-growing variety, with candelabra-shaped branches, producing immense trusses of pure white flowers, very handsome.....	.10
80 — New Carmine.....	.10
81 — White.....	.05
82 — Purple.....	.05
83 — Crimson.....	.05
84 — Fragrant.....	.05
85 — Mixed.....	.05

Canterbury Bells. (B.)

Very ornamental, growing about two feet high, producing beautiful large bell-shaped flowers.

86 Canterbury Bells, Blue, Single.....	.05
87 — White, Single.....	.05
88 — Double Mixed.....	.05

"Cup and Saucer" Canterbury Bells.

(*C. Calycanthema*.)

A beautiful new variety, strong growers, flowers large and handsome, similar in shape to a cup and saucer.

89 Calycanthema, Striped. Bells average three inches in length, and saucers three or four inches across; of a satiny lavender, spotted and striped with rich violet purple.....	.15
90 — Splendid mixed.....	.10

Canna.

Extremely ornamental as foliage plants, their beauty is greatly enhanced by the brilliancy of the flowers, of all shades of orange, yellow, crimson and vermillion, and many varieties are beautifully spotted. If sown in February, in hot-bed, or pots in the house, and transplanted early, will bloom in August. Soak the seed several hours in warm water.

91 Canna, Crozy's New Hybrids.....	.15
92 — Saved from the most beautiful new varieties, mostly dwarf, early bloomers, and very remarkable both for beauty and size of flowers and foliage; capital class for pots and forcing.	
92 — Extra Choice. Mixed.....	.10

Catchfly. (A.)

A hardy annual, about one foot high; produces brilliant flowers in great profusion, in early summer.

BALSAMS. (A.)

No.	Price per pkg.
Beautiful, half-hardy annuals, from one and one half to two feet in height. Sow the seed early in frames, and transplant to a well-enriched border, one foot apart.	
66 Balsams, Double, Yellow.....	.10
67 — Camellia-flowered Carmine. Splendid new luminous color.....	.10
68 — Double, Mixed, Camellia-flowered.....	.05
69 — Spotted, Rose-flowered, Mixed. Flowers of perfect form, very large and double.....	.10
70 — Dwarf Camellia, Mixed. From eight splendid double varieties,.....	.05

Begonia. (P.)

Tuberous Rooted. It is impossible to overestimate the value of these magnificent flowering plants. In colors ranging from pure white to deep rich crimson, they make a gorgeous display, excelling the most vivid geraniums.

71 — Single Varieties. Splendid mixture.....	.15
72 — Double, Mixed. Splendid quality, saved exclusively from a choice, rich collection.....	.30
73 — New Striped Flowered. Comprising nearly all the colors found in the older varieties, and in addition, a rich chrome-yellow. Flowers flaked or striped, like a carnation, with a great variety of pleasing shades of white, yellow and red....	.40

CALCEOLARIA. (P.)

Flowers highly decorative; very desirable, indeed invaluable for the house, greenhouse and the garden. Seeds should be started in pots, but not under glass.

74 Calceolaria, Tigridus. A spotted variety, extra fine.....	.25
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93 Catchfly, Dwarf, Double Pink.....	.10
A charming addition to the spring bedding plants, flowering early in great profusion and continuing in bloom throughout the season.	

94 — Mixed.....	.05
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Centranthus. (A.)

Exceedingly pretty, free flowering plants, from six inches to one foot high, and very effective in bed or borders.

95 Centranthus, mixed rose and white.....	.05
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Cineraria.

96 Beautiful free-flowering plants, for greenhouse and window garden. Flowers large, of rich colors, completely covering the plant with a mass of bloom. Finest mixed.....	.25
97 Cineraria, Maritima. An ornamental foliage plant, with large silvery leaves, for beds and borders.....	.05

CHRYSANTHEMUMS. (A.)

Handsome hardy annuals, producing quantities of large flowers of striking colors, making a brilliant display.

Single or "Painted Daisy" Varieties.

98 Chrysanthemum, Eclipse. (See cut.) Golden yellow with scarlet ring and rich brown centre.....	.10
99 — Lord Beaconsfield. Rich crimson-maroon, edged and striped with gold.....	.10
100 — Sultan. A beautiful velvety maroon with golden rim and fine dark brown centre. Very showy.....	.10
101 — Multicaule. Grows about four inches high, and with its beautiful golden yellow flowers is very effective for bedding.....	.10

DOUBLE VARIETIES.

102 — Coronarium Imbricatum, fl. pl. Flowers globe-shaped, extremely double, and of an intense, glowing golden yellow.....	.10
103 — White.....	.05
104 — Yellow.....	.05
105 — Mixed.....	.05

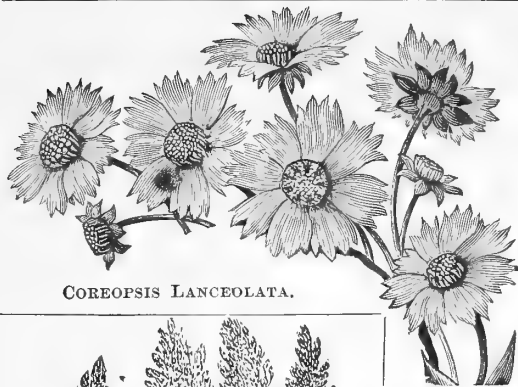
Clarkia. (A.)

Pretty, hardy annual, about eighteen inches high, blooming from June to September. Set six inches apart.

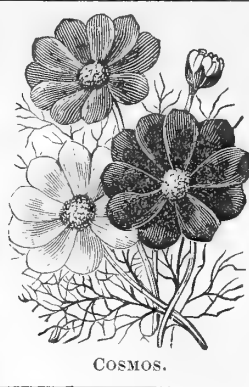
106 Clarkia, Double Carmine. Large, densely double flowers of a bright carmine color.....	.10
107 — Single, Mixed.....	.05



CHRYSANTHEMUM ECLIPSE.



COREOPSIS LANCEOLATA.



COSMOS.



DAHLIA STRIATA.



ESCHSCHOLTZIA.



TRIOMPHE D'EXPOSITION.

- No. **Clematis.** (P.) *Price per Pkg.*
 Beautiful, hardy climbers, unrivalled for covering arbors, fences, verandas, etc.
 108 **Clematis Cirrhosa.** Perfectly hardy, a very rapid climber, literally covering itself with large bunches of white, sweet-scented flowers. Twenty-five feet..... .15
 109 — **Graveolens.** A free-growing, hardy variety, with beautiful yellow flowers, over one and a half inches broad..... .15
 110 — **Pitcheri.** Hardy variety of elegant habit, neat foliage, and brilliant scarlet flowers..... .15

Clianthus Dampieri (Glory Pea). (A.)

- 111 Magnificent plants, with drooping clusters of large, rich, scarlet pea-shaped flowers, three inches in length. Each flower is beautifully marked with a black, cloud-like blotch. It requires a warm soil, and should be watered sparingly..... .15

Clitoria. (A.)

- Splendid, free-flowering, greenhouse climbers, with large, elegant, pea-shaped flowers.
 112 **Clitoria Celestis.** Sky blue..... .10

Cobea Scandens. (A.)

- Magnificent, rapid-growing climbers, with large, bell-shaped flowers; adapted for outdoor growth in summer, also for the house and greenhouse. The seeds should be started in the house, and planted edgewise.

- 113 **Cobea Scandens.** Purple..... .15
 114 — **Alba.** A white-flowered variety..... .10

Coleus. (A.)

- Gorgeous colored plants, with variegated foliage, indispensable for ornamental bedding, and fine for pot culture.

- 115 **Coleus.** New, large-leaved. Six sorts selected from the largest and most superbly variegated..... .30
 116 **Fine Varieties, Mixed.**..... .25

Collinsia. (A.)

- 117 **Collinsia, Mixed.** Beautiful, hardy annuals, very pretty when grown in a mass. Thin plants to three inches apart..... .05

- No. **Cockscomb.** (A.) *Price per Pkg.*
 Hardy, attractive annuals, for bedding and pot culture.
 118 **Cockscomb Japonica.** Scarlet..... .05
 119 — **Glasgow Prize.** Fine dwarf sort, with large crimson combs..... .10
 120 — **Cristata Variegata.** Gold and Crimson..... .10
 121 — **Crimson.** Tall, very fine (pure)..... .05
 122 — **Dwarf Mixed.** Very beautiful..... .05
 123 — **Feathered.** New, and very fine for bouquets..... .10
 124 — **Triomphe d'Exposition.** (See cut.) Exceedingly beautiful, bearing large feathery crimson plumes. Equally effective in groups or as single plants..... .15

Columbine (Aquilegia). (P.)

- A well-known, showy, hardy perennial, about two feet high, blooming in May and June.
 125 **Columbine Stuarti.** A fine variety bearing its nodding flowers, which often measure four inches across, on tall, graceful stems, color of the deepest blue, except the upper half of the inner segments, which is white..... .20
 126 — **Truncata.** Red, elegantly variegated with orange and yellow..... .15
 127 — **Canadensis Nana.** Beautiful dwarf. Brilliant scarlet..... .15
 128 — **Mixed**..... .05
 129 — **California.** Flowers waxy yellow, large and handsome..... .15

Convolvulus. (A.)

- Beautiful and showy half-hardy climbers, producing an abundance of rich colored flowers. The dwarf varieties are fine for bedding.
 130 **Convolvulus Minor (Dwarf).** Mixed..... .05
 131 — **Striped (Dwarf).** Blue, striped with white..... .05
 132 — **Major.** (Morning Glory.) Fine varieties mixed..... .05

COREOPSIS (Calliopsis). (A.)

- One of the most showy of all annuals, the colors being so striking as seldom to be passed without remark.
 133 **Coreopsis, Drummond's.** Yellow flowers, with crimson centre..... .05
 134 — **Golden Wave.** Very bushy and compact, a mass of bright golden color from July to October. Flowers two inches across, with small, dark centres..... .05
 135 — **Mixed Varieties.** Yellow and brown and velvety brown..... .05
 136 — **Lanceolata.** (P.) The Perpetual Golden Coreopsis. Very free blooming, and lasting in its golden glory throughout the summer and fall. Unequalled for cutting. (See cut)..... .10

COSMOS. (A.)

A very effective autumn flowering plant, with beautiful foliage growing from four to six feet high, literally covered with large, single, daisy-like flowers, two to three inches round, in shades of rose, purple and white. Sow in March, in pots or in the hot-bed, and transplant one foot apart.

- 137 **Cosmos Bipinata, Hybrida.** (See cut)..... .05

Cypress Vine. (A.)

Most beautiful and popular tender climber, with very delicate, fern-like foliage and numerous flowers.

- 138 **Cypress Vine, Scarlet.** Very brilliant..... .05
 139 — **White.**..... .05

DAHLIA. (P.)

Sow the seed early in pots or under glass, and transplant to strong, deep, rich soil, and plants will bloom the first season.

- 140 **Dahlia, Single Varieties.** Splendid mixture. Handsome bedding plants, and extensively used for cutting..... .10
 141 — **Variabilis Striatiflora.** (See cut.) A beautiful single variety displaying the richest blending of colors, and a great many of striped, spotted, ribboned and dotted designs..... .15
 142 — **Double, Mixed.** Seeds saved from fine named sorts..... .10
 143 — **Juarez.** (Cactus Dahlia.) New varieties mixed. From a splendid collection..... .20

Dictanus (Fraxinella). (P.)

Handsome, fragrant, free-flowering, herbaceous plants, suitable for mixed borders.

- 144 **Dictanus Fraxinella, Mixed.** Two feet..... .05

Datura (Trumpet Flower). (P.)

Very showy, producing large, sweet-scented, trumpet-shaped flowers. Roots should be removed to cellar in autumn.

- 145 **Datura, Wright's.** Flowers bell-shaped, of extraordinary size, white, bordered with lilac..... .05
 146 — **Humilis, Double.** Double flowers of a rich golden yellow..... .05

No.	Delphinium.	Price per pkg.
	Flowers remarkable for their great beauty, diversity of shades, and striking appearance.	
147	Delphinium Imperial Flore Pleno. (P.) Pure white.....	.10
148	Formosum. (P.) Flowers blue and white, very large and brilliant; will flower the first season from seed.....	.10
149	Chinese. (P.) Mixed. Two and a half feet.....	.05
150	Elatum. (P.) <i>(See Larkspur.)</i> Blue. Two feet.....	.05
151	Hybridum. (P.) Fine mixed, splendid.....	.05
152	Zaili. (P.) Sulphur Yellow. Plants of branching habit, bearing spikes of from forty to fifty blossoms.....	.15

DOUBLE DAISY (*Bellis Perennis*). (P.)

Charming plants for edgings and dwarf beds. Thrive well in shady places.

153	Daisy, Snowball. (<i>See cut.</i>) Large flowered, pure white, and extremely double, with very long stems, making them valuable for cutting.....	.15
154	Giant Flowering. The most gigantic flowering of all daisies, with very double blooms changing from rose to red....	.15
155	Quilled, Mixed. Each bloom is the nicest little pompon that can be seen; the flowers are produced in abundance and in great variety of color.....	.15
156	"Longfellow." Flowers of unusual size, a dark-rose color. Of value for bouquets.....	.15
157	Double, Mixed......	.10

Erythrina. (P.)

158	A magnificent, half-hardy shrub, with gorgeous spikes of scarlet flowers from one to two feet long. Although a tropical plant, it grows freely out of doors if placed in a warm situation. Protect in a cool, dry cellar during winter.....	.20
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ESCHSCHOLTZIA.

(*California Poppies.*) (A.)

A very showy plant about one foot high, blooming from June until September. Produces a brilliant effect at a distance when grown in a mass. Hardy.

159	Eschscholtzia, Mandarin. (<i>See cut.</i>) Flowers a brilliant scarlet, with the inner side of petal a rich orange.....	.10
160	New Double White. Distinguished for its abundance of flowers, and the length of time which they live.....	.10
161	Large Rose-colored. Flowers very large, of a brilliant dark rose color, shading into pale rose at the base.....	.10
162	Finest Mixed.....	.05

Eternal Flower (*Helichrysum*). (A.)

The Eternal Flowers are ornamental in the garden, and desirable for winter bouquets, as they retain their form and color for years, if gathered and dried when first open.

163	Eternal Flower, "Fireball." Color of the richest crimson maroon.....	.15
164	Yellow.....	.05
165	Mixed.....	.05

Eupatorium. (P.)

166	Shrubby plants, with white flowers, growing in graceful, feathery sprays.....	.10
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DAISY, SNOWBALL.

EUPHORBIA. (A.)

No.	Price per pkg.	
167	Euphorbia Heterophylla. "Mexican Fire Plant." (<i>See cut.</i>) Large bushy plants, growing about three feet high, with very ornamental dark green leaves, which, as the season advances, become blazed with deep scarlet so that only an edge of green is left. Sow early in pots or hot-bed, and transplant to open ground in May.....	.15
168	Variegata. "Snow on the Mountains." Leaves edged with pure white.....	.05

Exacum. (A.)

169	Clusters of violet-purple flowers, with yellow anthers, most beautifully cyclamen-scented. Half hardy. Blooms incessantly through the summer, and if removed to the house will bloom freely all winter.....	.15
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EUPHORBIA.

Feverfew (*Matricaria*). (P.)

A beautiful, half-hardy perennial, well adapted for beds.

170	Feverfew, Double Dwarf. The flowers are large, creamy colored, and very double.....	.15
171	Double White. Very fine.....	.05
172	Golden Feather. One of the ornamental foliage plants. Very desirable for vases and baskets to mix with other plants.....	.10

Flax. (A.)

173	Flax, Crimson. (<i>Linum Grandiflorum.</i>) A beautiful, half-hardy annual, very effective and showy for bedding purpose.....	.05
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Foxglove. (B.)

174	Foxglove, Large-flowering, Spotted and Mixed. Very ornamental amongst shrubbery, producing tall spikes of showy flowers of purple, rose, white, and yellow.....	.05
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Forget-me-not (*Myosotis*). (P.)

A very pretty little hardy perennial, about six inches high. Will thrive best in a cool, moist situation, and is well adapted for bedding or rock work.

175	Forget-me-not, Elegantissima. Very compact, with silvery, variegated foliage and sky-blue flowers.....	.15
176	Alpine, Large-flowered. Flowers exceeding other varieties in size; sky-blue in color, with a clearly defined yellow eye.....	.15
177	Blue. The standard variety.....	.05
178	White. (New.) Pure white.....	.10

Fuschia. (A.)

Elegant flowering plants, of easy culture, in pots, for parlor decoration or the garden. In the garden they require a slightly shaded situation. Soil should be rich.

179	Fuschia, or "Ladies' Ear-Drop." Finest varieties mixed.....	.25
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Geranium. (A.)

180	Geranium. Splendid Mixed25
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Geum. (P.)

Handsome, free-flowering, long-blooming, and remarkably showy and hardy. Succeed best in a sandy loam.

181	Geum, Mixed05
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GAILLARDIA. (A.)

One of the most showy and brilliant of garden flowers, fine for bedding and cutting, producing large flowers of rich shades throughout the summer.

182	Gaillardia. Single, Grandiflora. Splendid Mixed.....	.05
183	Picta Lorenziana. Double. Fine for bedding and cutting; flowers very double, of various shades, orange, claret, amaranth, sulphur, etc.....	.05

GLOXINIA. (P.)

A superb class of greenhouse and indoor plants, with vigorous foliage, and producing, in great profusion, elegant flowers of the richest and most beautiful colors. They are quite easily grown from seed, and deserve extensive cultivation as house plants. Sow in March, on the surface, in a warm, moist atmosphere, transplant into shallow pots when the second leaf appears. Allow plants to rest through autumn and winter, giving little water, re-pot in the spring, and water freely; will blossom second season.

184	Gloxinia, Hybrida Grandiflora, Scarlet. (<i>See cut.</i>) Flowers large, the edges of the petals delicately frilled. Its beauty is enhanced by a velvety, dark green foliage with silvery-white venations.....	.35
185	Grandiflora, Mixed.....	.35



IPOMEA.

No.

Gilia. (A.)

Price per pkg.

Early anu. free-flowering, growing from six inches to one foot high, desirable for planting in masses or detached patches.

186 *Gilia*, White and Rose..... .05

Globe Amaranth. (A.)

Tender annuals about two feet high, very ornamental in the garden. The flowers will retain their beauty for a long time if gathered and dried as soon as they are open.

187 *Globe Amaranth*, Variegated and Mixed..... .05

Godetia. (A.)

Very attractive, hardy annuals, about one foot high. Flowers of a beautiful satiny texture.

188 *Godetia*, White Pearl. New dwarf, pure satiny white variety. On account of its very regular, compact growth it is best adapted to dwarf bed or ribboning..... .15

189 — *Hybrid Splendens*. A splendid variety, with flowers of a very bright carmine rose, extremely large, and flamed white at the base, and remaining much longer in bloom than other varieties..... .10

190 — *Whitney's Brilliant*. Dwarf and compact. Flowers large, brilliant carmine, margined with rose..... .10

191 — *Mixed*..... .05

Grasses, Ornamental.

The Ornamental Grasses are most desirable for bouquets, both for summer and winter. For winter use, cut about the time of flowering, tie up in small bunches, and dry in the shade.

192 *Grass*, Ornamental, *Eragrostis Brown*. (A.) The panicles produce immense masses of flowers of a reddish brown color, and make a striking effect..... .10

193 — *"Job's Tears"*. (A.) This well-known variety of tropical grass is so called from the appearance of its shiny, pearly fruit, which resembles a falling tear. Half hardy..... .05

194 — *Quaking*. (A.) A graceful shaking grass, very elegant in bouquets..... .05

195 — *Pampas*. (P.) The most stately and magnificent ornamental grass in cultivation, producing numerous long, silken plumes of flowers. Flowers the second season; cover carefully during winter..... .10

Gypsophila.

Elegant, free-flowering little plants, succeeding in any soil. Well adapted to rock work and edging.

196 *Gypsophila*, *Paniculata*. (P.) Remarkably hardy, dwarf plant, covering itself with small white flowers..... .05

197 — *Muralis*. (A.) Beautiful dwarf plant, completely covered with starry pink and white flowers. Very fine for hanging baskets..... .05

Hawkweed. (A.)

198 *Hawkweed*. (*Crepis*). Mixed. A class of attractive hardy annuals, one foot high, of easy culture..... .05

Hibiscus. (A.)

199 *Hibiscus Africanus*. A showy and beautiful hardy annual, eighteen inches high, blooming from June to September..... .05

Hollyhocks. (P.)

Seeds should be sown in June or July to have flowering plants the next summer, or if sown in the house early in spring they will bloom the first year.

200 *Hollyhocks*, *Chater's Improved Double*, Mixed..... .15

201 — *Snow White*..... .15

202 — *Sulphur Yellow*..... .15

203 — *Rose*..... .15

204 — *Royal Purple*..... .15

The seed we offer has been saved from one of the finest collections, and will produce very large double flowers, of striking beauty.

205 — *Tall Double Mixed*. A great improvement on the old variety..... .05

Heliotrope. (A.)

206 *Heliotrope*. Well-known deliciously fragrant plants, excellent for bedding purposes or pot culture..... .10

Helipterum. (A.)

207 *Helipterum Sanfordi*. A new variety of Everlasting flowers, of great beauty; of dwarf, tufted habit, producing large, globular clusters of bright, golden yellow flowers..... .10

Honesty. (B.)

208 *Honesty*. (*Lunaria*). Blooms in May and June. The flowers are succeeded by singular seed vessels, that are quite ornamental, and may be kept for a long time..... .05

Humulus. (A.)

209 *Humulus Japonicus*. (*Japan Hop*). A climbing hop of very rapid growth, with luxuriant foliage, making a dense covering; beautiful when planted singly and sufficiently supported, also suitable for covering trellises, etc..... .10

210 — *Variegatis*. Very attractive new variety, with leaves beautifully blotched and variegated with silvery-white, yellowish green, and dark green. As hardy and of the same rapid, vigorous growth as the green-leaved variety..... .20

Ice-Plant. (A.)

211 A singular-looking, tender annual, with thick, fleshy leaves that have the appearance of being covered with crystals of ice..... .05

Impatiens (*Sultan's Balsams*). (P.)

212 *Impatiens Sultani*. A perennial balsam of compact growth, producing, almost continuously, charming, bright rose-colored flowers..... .15

Ipomopsis. (B.)

Most beautiful plants, with spikes of dazzling flowers.

213 *Ipomopsis*. Mixed. Brilliant flowers of scarlet and orange..... .05

Jacobaea (*Senecio*). (A.)

A very gay-colored, showy class of hardy plants; very effective for bedding. Grow about one foot high.

214 *Jacobaea*, *Double Mixed*..... .05

Lantana. (P.)

This showy greenhouse plant will succeed finely in any garden soil. It forms a small bush, covering itself with pink, yellow, and orange flowers, and also flowers of changeable color. Start in the house. Half hardy.

215 *Lantana*. Fine varieties mixed..... .10

IPOMEA. (A.)

Very beautiful and popular climbers; deservedly so from the fine foliage, and the brilliant and varied hues of its many flowers. Fine for covering old walls, stumps of trees, etc.

216 *Ipomea Atrovioacea*. (*See cut.*) Violet, bordered white..... .10

217 — *Bona Nox*. (*Evening Glory*). Allied to the "Morning Glory," but differs from it in choosing the evening for its time for blooming. Flower pure white, deliciously fragrant, and very large. Soak seed in hot water several hours before planting.... .10

218 — *Coccinea*. (*Star Ipomea*). Bright scarlet..... .05

219 — *Limbata*. Blue, elegantly marked with white; superb..... .05

220 — *Elegantissima*. Blue, with intense purple centre in the form of a star, with broad, pure white margin..... .10

Lavender. (P.)

221 This herb we consider desirable for the flower garden from the pleasing fragrance of its leaves..... .05

Leptosiphon. (A.)

Desirable for edgings; very beautiful with their numerous and many-colored flowers; also suitable for rock work, and nice for pot plants; succeed in any light, rich soil. Hardy.

222 *Leptosiphon*, Mixed. Colors, dark maroon, orange, lilac, purple, crimson, violet, golden yellow, and white..... .05

LARKSPUR.

Very beautiful, hardy annuals, producing dense spikes of flowers, which are very decorative, either in the garden, or when cut for vases. Set ten inches apart.

223 *Larkspur*, *Stock-flowered*. (*"Rosy Scarlet"*). Surpassing in beauty even the Lustrous Carmine variety. The flowering season lasts late in autumn, rendering them of value for cutting and decorative purposes..... .15

224 — *Dwarf Ranunculi-flowered*. The plant rises to a height of twelve to thirteen inches and forms a columnar-shaped, compact bouquet thickly studded with spikes of shining, brown-violet blossoms..... .10

225 — *Double Carmine*. Very double. Of a fiery carmine in color..... .10

226 — *Tall Double Rocket*..... .10

227 — *Stock-flowered*. Eight varieties, mixed..... .05

228 — *Hyacinth-flowered*. (*See cut.*) A curious, very beautiful variety, strongly resembling a Double Hyacinth..... .05

229 — *Tricolor Elegans*. A very double variety, of very handsome colors, and most beautifully striped..... .05

Lophospermum. (A.)

An exceedingly elegant and highly ornamental climber, with large and handsome foxglove-like flowers; very effective for conservatory and garden decoration, and also for hanging baskets.

230 *Lophospermum Hendersonii*. Flowers of rosy carmine..... .10

Love-in-a-Mist (*Nigella*). (A.)

231 A curious plant about one foot high, with finely cut leaves, and singular flowers. Hardy..... .05



LARKSPUR.

No.	Lobelia. (A.)	Price per pkg.
	Strikingly pretty, profuse blossoming plants; the delicate, drooping habit, and profusion of their charming little flowers render them fine for hanging baskets.	
232	Lobelia Formosa. The most vivid scarlet dwarf bedding variety known.....	.15
233	Pumila Magnifica. The finest Single Lobelia.....	.15
234	Rosea Oculata. Rose, with white eye.....	.10
235	Erinus, Mixed. Blue, white, and blue and white marbled.....	.05
236	Double. A Double Lobelia may be justly considered an acquisition. Remains in bloom longer than the single varieties.....	.10

Love-lies-bleeding (*Amaranthus Caudatus*). (A.)

237	A hardy annual, three to four feet high, with pendent spikes of blood-red flowers which, at a little distance, look like streams of blood. Desirable for grouping on lawns.....	.05
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Lupins. (P.)

238	Showy, hardy plants, two to three feet high, producing tall spikes of attractive flowers. Lupins, Mixed05
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Lychnis. (P.)

239	Lychnis Haageana Hybrids. Mixed. Very handsome ornamental plants of bushy habit, with large flowers from the brightest scarlet to blood-red, purple, orange, and white..	.10
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Malva or Mallow. (P.)

240	Showy and desirable, with pretty, salver-formed flowers. Malva Minita. Bright Scarlet05
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Marvel of Peru (*Mirabilis*). (A.)

241	The old and well-known <i>Four O'clock</i> . A fine plant, with flowers of various colors, making a fine summer hedge set one foot apart.....	.05
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MARIGOLD (*Tagetes*). (A.)

Extremely showy, one to two feet high, well adapted to garden culture, blooming profusely through the season.

242	Marigold, French. ("Carter's" <i>Butterfly</i> .) A beautiful variety with alternate petals of velvety purple-brown and old-gold....	.15
243	African. (<i>El Dorado</i> .) (See cut.) The finest strain of African Marigold yet offered. Flowers three inches in diameter, in all shades of yellow, — lemon, primrose, gold, and deep orange.	.10
244	Calendula, Prince or Orange. The flowers are striped with an intense shade of orange; this glowing tone is given to the whole flower.....	.10
245	Meteor. Handsome variety of the Pot Marigolds , cream-white, centre edged with orange, perfectly double.....	.10
246	Large-flowered. Flowers dark orange-red, very large and remarkably double. Outer florets slightly imbricated, while those of the centre are incurved like a <i>Paeony</i>.....	.10
247	African.....	.05
248	French.....	.05
249	Gold Striped.....	.05

Maurandia. (A.)

A delicate, free-flowering, half-hardy climber, well adapted to the conservatory or trellis work in the garden; also desirable for hanging baskets. Start early in pots, transplant when weather becomes warm.

250	Maurandia, Barclayana. Rich violet.....	.05
251	Mixed. Violet, white, rose, and pink.....	.10

Mignonette. (A.)

A general favorite on account of its delightful fragrance. Blooms throughout the season. Sow from middle of April to middle of June. Mignonette is most fragrant on poor soil.

252	Mignonette, Miles' Hybrid Spiral. Plant dwarf and branching; flowers white and very fragrant, spikes eight to fourteen inches long. Fine for either outdoor or pot culture.....	.10
253	Machet. Plants dwarf and vigorous, of pyramidal growth with broad spikes of very fragrant red flowers. The best sort for pot culture and equally valuable for borders.....	.10
254	Golden Queen. A distinct dwarf yellow-flowered variety.....	.10
255	Sweet per ounce, 15 cents.	.05
256	Victoria. Flowers unusually brilliant and large.....	.10
257	Giant Red. Very fine, robust, with large spikes of bright red flowers.....	.10

Morning Glory.

258	Morning Glory. (See <i>Convolvulus Major</i>).....	.05
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MIMULUS.

MIMULUS (*Monkey Flower*). (P.) (See cut.)

No.	Price per pkg.
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A half-hardy plant, of the easiest culture, about nine inches high, producing a profusion of very pretty flowers. It is perennial in the greenhouse and may be easily propagated by cuttings. Select a moist, rather shaded location.

259	Mimulus, Cardinalis. Scarlet , from California; one foot.....	.05
260	Hybridus. Splendidly spotted and marbled, rivalling the <i>Calceolaria</i> in the variety of its brilliant colors.....	.10
261	New Double. Flowers double, of a brilliant yellow, spotted, striped, and mottled with crimson.....	.20
262	Moschatus. (<i>Musk Plant</i>).....	.05

Mina Sanguinea. (A.)

263	A magnificent, rapid climber, producing in great profusion, from June throughout the season, brilliant, blood-red, tube-shaped flowers. Seed should be sown in March.....	.15
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Mourning Bride (*Scabiosa*). (A.)

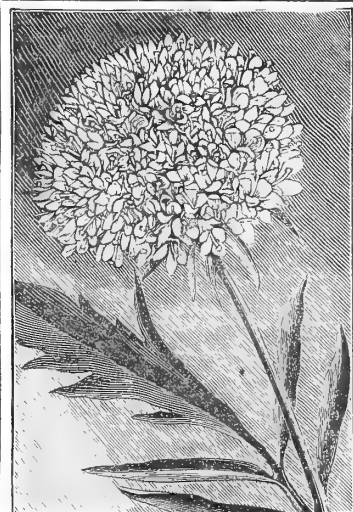
A class of very pretty annuals, from one to two feet high, suitable for bedding or bouquets. Hardy.

264	Mourning Bride, Snowball. Pure White. Very large and extremely double.....	.10
265	Golden. A fine novelty, with golden yellow leaves, and producing numerous scarlet and dark purple flowers.....	.10
266	Flesh-Colored. New and lovely tint.....	.10
267	Mixed.....	.05
268	Cherry-Color. Double.....	.10
269	Dwarf. Six splendid varieties mixed.....	.05
270	Double, Golden Yellow. (See cut.) Plants semi-dwarf and bushy, producing in great profusion compact double flowers, of a very fine golden yellow.....	.10

Lobb's Nasturtium. (Tall.)

Leaves and flowers not as large as the ordinary tall Nasturtium, but far surpassing them in profusion and brilliancy of flower, making them desirable for trellises, etc.; also fine for pot culture.

271	Lobb's Nasturtium. Mixed. A fine mixture in great variety of colors.....	.10
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MOURNING BRIDE, GOLDEN.

NASTURTIUM. (A.)

Tall Varieties.

272	Nasturtium. Tall, Mixed15	.05
273	Black brown.....	.25	.05
274	Scheuerianum. Straw colored, striped brown.....	.25	.05
275	Coccineum. Brilliant scarlet.....	.25	.05
276	Dunnett's. Orange.....	.25	.05
277	Atropurpurea. Dark blood crimson.....	.25	.05
278	King Theodore. Maroon.....	.30	.05
279	Brownish lilac.....	.25	.05

Dwarf Varieties.

280	Nasturtium, Dwarf. Mixed.....	.20	.05
281	Ruby King. Carmine.....	.30	.05
282	Spotted King. Yellow, spotted chocolate.....	.25	.05
283	Empress of India. Brilliant scarlet, dark foliage; effective.....	.40	.10
284	Cloth of Gold. Golden yellow foliage, flowers scarlet.....	.40	.10
285	Chameleon. Crimson, bronze, and yellow.....	.40	.10
286	Rose......	.25	.05
287	Yellow.....	.25	.05
288	White.....	.30	.05
289	King of Tom Thumbs. Scarlet with bluish-green foliage.....	.30	.05
290	Lady Bird. Orange yellow, Red spots.....	.10	

- No. Nemophila. (A.)** *Price per pkg.*
 Charming hardy, low annuals, producing an abundance of extremely delicate and beautiful flowers. Very useful for bedding and pot culture. Sow early in pots, and transplant into a cool, rather moist situation.
 291 *Nemophila. Mixed.*..... .05
- Nolana. (A.)**
 Very pretty trailing, hardy annuals, fine for rock work, hanging baskets, or for bedding.
 292 *Nolana. Mixed.*..... .05
- Nirembergia. (P.)**
 These charming little plants are exceedingly valuable for hanging baskets, rustic vases, and edgings.
 293 *Nirembergia Gracilis.* If sown early will bloom the first year..... .05
- Oxalis. (P.)**
 A splendid class of plants suitable for hanging pots or rustic baskets. Particularly adapted for the parlor, where they bloom in midwinter. Half hardy.
 294 *Oxalis Rosea.* Rose-colored flowers; blooms abundantly..... .10
 295 — *Tropaeoloides.* Deep-yellow flowers, with brown leaves..... .10
- Oxlip. (A.)**
 296 *Oxlip. Mixed.* Sweet-scented. Of beautiful colors..... .15

PANSY (*Heart's-ease*). (B.)

- 297 *Pansy. Woodbury's Finest German. Mixed.* Unsurpassed in their almost endless variety of shades, brilliant coloring, spotted, marbled and striped, and perfect shape..... .25
 298 — *Cardinal.* The nearest approach to a bright red yet attained. Flowers of brownish scarlet with dark spots on the three lower petals; very showy..... .20
 299 — *Cassier's Giant.* Gigantic flowers, beautifully blotched, and borne well above the foliage on strong stems. A rich and showy strain..... .25
 300 — *Giant Yellow, Spotted.* A new and distinct variety of the five-blotched Cassier tribe; flowers very large, of a pure golden yellow, with a dark blotch on each petal..... .25
 301 — *Bugnot's Superb Blotched.* Very beautiful, extra large flowers, with broad blotches, two upper petals finely lined..... .25
 302 — *International Paris.* A superb strain comprising magnificent varieties. Selected as being the best exhibited in the grounds of the Paris exhibition..... .15
 303 — *"Lord Beaconsfield."* Color purple-violet, shading off in the top petals to a whitish hue, giving the flower an unusually bright and striking appearance..... .15
 304 — *Odier, or Five Blotched.* A new and beautiful prize Pansy of great variety of color and markings, each petal being most beautifully blotched or marked..... .15
 305 — *Emperor William.* Flowers of a rich ultramarine blue, with a well-defined eye..... .15
 306 — *Trimardeau, or Giant Pansies. Mixed.* Distinct and splendid race, of vigorous and compact growth. Flowers of perfect form and immense size. Extra fine strain..... .25
 307 — *Trimardeau Striped.* Extra large flowering. New; very fine..... .30
 308 — *Trimardeau Giant Yellow.* New, with large black eye. Very beautiful and remarkably showy..... .30
 309 — *Pure white.*..... .10
 310 — *King of Blacks.* Deep coal black..... .10
 311 — *Havana-brown.*..... .15
 312 — *Bronze-colored.*..... .15
 313 — *Mahogany-colored.*..... .15
 314 — *Gold margined.*..... .15
 315 — *Fine mixed.*..... .05
 316 — *Extra choice mixed.*..... .10

Passion Flower.

- 317 *Passiflora Incarnata. (P.)*..... .15
 Very hardy, requiring but slight protection of leaves in winter. The flowers are large, nearly white, with a triple purple and flesh-colored crown.
 318 — *New Mammoth. (A.)* The vines run thirty feet, foliage dark green, flowers very large and showy, having a snow-white border with pink centre; between centre and border is a sky-blue circle..... .10

Perilla Nankinensis. (A.)

- 319 Beautiful dark green foliage, fine for ribbon planting or massing..... .05

PAPAVER (*Poppy*). (A.)

- 320 *Papaver Glaucum. (Tulip Poppy. (See cut.))* From a mere description no adequate idea can be formed of the strikingly beautiful effect produced by a bed of these brilliant scarlet Poppies in full bloom, the color being of such glowing richness as to perfectly dazzle the eye..... .15



PAPAVER GLAUCUM.

- No. Price per pkg.*
 321 *Papaver, White Swan.* Flowers of fabulous size, very double, lacinated, beautifully shaped and of the purest possible white, and continues longer in bloom than other Poppies..... .15
 322 — *Umbrosium.* Very fine, with flowers of a brilliant deep scarlet, marked with four large black spots..... .10
 323 — *Double, Mixed.* Brilliant and showy; about two feet high; fine for background and shrubbery..... .05
 324 — *Fairy Blush.* Immense globular flowers; perfectly double, petals elegantly fringed, color pure white, tipped with rose..... .10
 325 — *"Danebrog."* The flowers are of a brilliant scarlet color, bearing on each of the four petals a large silvery-white spot, forming thus a white cross on scarlet ground, similar to the Danish or Swiss national banners..... .10
 326 — *Crocium. (P.) Orange-yellow.* Very double, large and showy..... .10
 327 *The Shirley Poppies.* A beautiful new strain of annual Poppies. Flowers single and semi-double, in colors extending from pure white through the most delicate shades of pink, rose and carmine to deepest crimson, and many are most delicately edged, shaded, and striped..... .15
 328 *Iceland Poppies.* Flowers deliciously fragrant, ranging in color from pure white and yellow to glowing orange and scarlet, flowering in great abundance the first year from seed. Unsurpassed for cutting..... .10

Pentstemon. (P.)

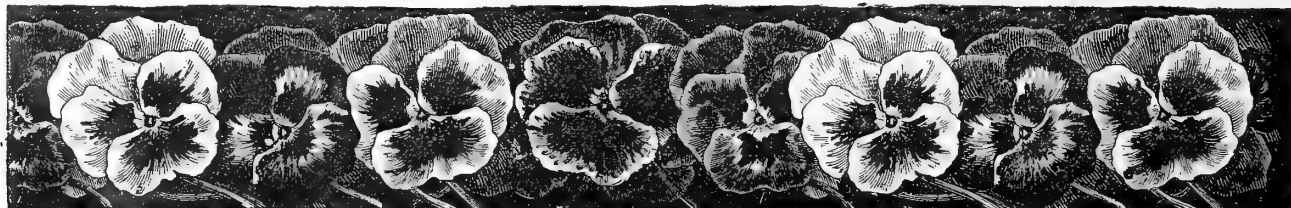
- 329 *Pentstemon. Choice varieties mixed.*..... .10
 Very ornamental, with long and graceful spikes of richly colored tubular flowers. Seed should be started early in March and planted out in May.

Phaseolus. (A.)

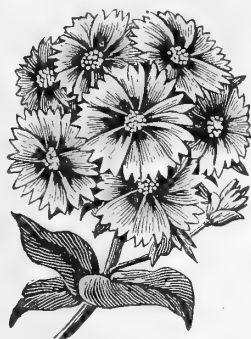
- 330 *Phaseolus Caracalla.* A beautiful climber that may be grown out of doors in summer and in greenhouse in winter. Flowers, bluish lilac, valued by florists for their delicious fragrance and resemblance to Orchids. Start seed early in pots or under glass..... .05



MOORING CLOAK PINK.



PANSIES.



PHLOX FIMBRIATA.

No. **PETUNIA. (P.)** Price per pkg.

For brilliancy and variety of colors, and the long duration of their blooming period, Petunias are indispensable in any garden, also highly prized for pot culture.

- 331 **Petunia, Lady of the Lake.** A petunia of exquisite beauty, pure white, double, and beautifully fringed..... .35
- 332 **Double Liliput.** New dwarf double varieties, with very numerous and exceedingly pretty, small, double flowers, of the most charming shades of color..... .25
- 333 **Double. Brilliant rose.**..... .30
- 334 **Hybrida Robusta Flore Pleno.** A dwarf, robust variety, forming a compact, upright, branched bush, with double, and sometimes double fringed flowers in great variety of colors..... .30
- 335 **Compacta Elegantissima.** This variety forms a dense globular bush, covered thickly with flowers of all colors and shades, which are peculiar to the Petunias. As a bedding plant, especially in sunny spots, it is unsurpassable and very effective..... .20
- 336 **Large-flowering, yellow throated.** The flowers are of large size, of faultless form, with a broad and deep yellow throat, beautifully veined..... .30
- 337 **Superbissima Nigra.** Gorgeous dark red flowers, with large, jet-black throat. Very fine..... .20
- 338 **Vilmorin's Hybrid Large-flowering Striped.** Remarkable for the rich colors and large size of the flowers, which are beautifully striped, variegated, and spotted..... .25
- 339 **Steel-blue, veined.** Fine, large-flowering variety, of a new and very handsome color, bright steel-blue, beautifully veined..... .25
- 340 **Fringed.** Satiny white, blotched with purplish crimson..... .15
- 341 **Fringed and veined.** Rose, veined with black..... .15
- 342 **Fringed.** Largest flowered, mixed in great variety..... .15
- 343 **Fine Mixed.**..... .05
- 344 **Extra Choice Mixed.**..... .10
- 345 **Buchanan's Hybrids.** Beautifully blotched, marbled, and variegated..... .15

PHLOX DRUMMONDII. (A.)

A most brilliant and beautiful hardy annual, well adapted for bedding, making a dazzling show through the whole season. Succeeding well on almost any soil.

- 346 **Phlox Drummondii, Mixed Colors.**.....Per oz., .50 .05

Large Flowering Varieties.

Magnificent class. Flowers as large as those of the perennial phloxes.

- 347 **White.**..... .10 351 **Bright Scarlet.**..... .10
- 348 **Scarlet, white eye.**..... .10 352 **Yellow.**..... .10
- 349 **Deep Purple.**..... .10 353 **Shining Rose.**..... .10
- 350 **Violet, white eye.**..... .10 354 **Large-flowering, mixed.**..... .10

Dwarf Varieties.

- 355 **Fireball.** Very brilliant..... .10
- 356 **Violet, with large white eye.**..... .10
- 357 **Snowball.** Fine white..... .10
- 358 **Heynholdii mixed.** Very dwarf and compact; fine for pot culture.. .10

Fimbriata. (See cut.)

- 359 **Petals toothed, beautifully fringed, and distinctly margined with white. Mixed colors.**..... .15



MARGARET CARNATION.



NEW STAR PHLOX.

No. **Phlox Drummondii, Semi-Double.** Price per pkg.

The value of the semi-double phlox for cutting has been recognized by all who have tried them. Should be sown in a light soil to produce the best double flowers.

- 360 **Yellow.** Beautiful yellow variety, possessing a slight perfume.. .15
- 361 **Mixed.** Fine mixture of white, scarlet, purple, rose, violet, and rosy marbled..... .15

New Star Phlox (Cuspidata). (See cut.)

- 362 **A beautiful and striking novelty.** The centre petals of the flowers are pointed and much longer than the lateral ones, thus giving the flowers a beautiful star-like appearance, which are made even more attractive by the broad white margin which borders the edges of the petals. Many colors mixed..... .15

Phlox Decussata. (Hardy Perennial.)

- 363 **Choice mixed varieties. Extra fine.**..... .10

PINKS.

These favorite flowers are unrivalled for brilliancy and variety of color. Very showy for bedding, bordering, etc.

- 364 **Pink Carnation. (P.) Double Finest Mixed.** Colors extremely rich and beautiful. Seed saved from choice collection..... .15
- 365 **Picotee. (P.) Choicest Varieties Mixed.** Very beautiful, combining the most perfect form with the richest of colors..... .20
- 366 **Jean Sisley. (P.) Double salmon yellow.** Package of twelve seeds..... .15

- 367 **Margaret Carnation. Mixed. (See cut.)** (A carnation that blooms the first year from seed.) The plants of this new class of carnations are dwarf and compact, branching closely above the ground, and do not require support. Eighty per cent of the flowers are very double, of brilliant colors, ranging through many beautiful shades of reds, pinks, white, variegations, etc. They are deliciously fragrant, and the calyx never bursts. But of the greatest importance is the fact that the seedlings bloom when only four months old, and flowers can be had all summer and winter, if some consecutive sowings are made..... .15

- 368 **Rose.**..... .15
- 369 **White.**..... .15

- 370 **New "Guillaud," Mixed.** The only strain of pinks blooming the first season that contains yellow. This new race, like the Margaret, contains considerable Carnation blood, and yet possesses all the profusion and early-blooming qualities of the annual Dianthus. Flowers are very large, of perfect shape, very fragrant, and last a long time either cut or on the plants, and, making this strain still more valuable, they contain flowers of clear yellow and others with yellow stripes. Equally adapted for open ground and pot culture..... .25

Summer Blooming Varieties.

- 371 **Pink. Mourning Cloak. (See cut.)** Very beautiful, with large double flowers of a blackish purple, fringed and sharply margined with white..... .10
- 372 **Laciniatus. Finest Double Mixed.** Magnificent double flowers; very large and beautifully fringed. Saved only from the finest double flowers and most beautiful colors..... .15
- 373 **Heddewig's Double Mixed.** Large flowers, three inches in diameter, beautiful, rich colors, finely marked and marbled..... .19
- 374 **Chinese. Finest Double Mixed.**..... .05
- 375 **Double Diadem.** Very fine double flowers, magnificent in colors, beautifully edged and marbled..... .19
- 376 **Double Imperial. Snowball.** Charming double fringed flowers, purest white..... .15
- 377 **Eastern Queen.** Very large single flowers, beautifully fringed and marbled with light and dark mauve..... .10
- 378 **Crimson Belle.** Magnificent single fringed flowers of a rich velvety crimson..... .10
- 379 **The Bride. (Little Gem.)** White, with deep purplish red centre. Large single flowers nicely fringed..... .10
- 380 **Double Fringed and Striped Mixed.**..... .10



RODANTHE, SINGLE.

Pyrethrum Roseum. (P.)

- 391 **Pyrethrum Roseum.** The flowers gathered, dried, and pulverized, form the true "Persian Insect Powder" so much in demand.... .05

Ricinus Major (Castor Oil Plant). (A.)

- 392 A highly ornamental, half-hardy annual, growing from four to six feet high, presenting quite a tropical appearance. Select warm, dry soil, and plant six feet apart.05

RODANTHE. (A.)

A beautiful and charming everlasting flower. The flowers when gathered as soon as they are opened are very desirable for winter bouquets, retaining their brilliancy months.

- 393 **Rodanthe, Double White.** Pure white, double variety..... .15
394 — **Maculata, Single.** (See cut.) Mixed..... .10

SALPIGLOSSIS. (A.)

Very beautiful, rich, half-hardy annuals. Start early in the hot-bed and transplant to light, warm, rich soil.

- 395 **Salpiglossis Grandiflora, Mixed.** (See cut.) Flowers from two to three inches in diameter, most vividly marked, spotted and striped on ground colors of deep-blue, rose, violet, yellow, reddish bronze, purple, etc. In rich coloring they vie with orchids. Very effective in the sunlight, which brings out the beautiful tints and veulings..... .10

Salvia. (A.)

Very ornamental plants, two feet high, producing tall spikes of gay flowers. Sow early in hot-bed, and transplant two feet apart. Half hardy.

- 396 **Salvia Grandiflora Bicolor.** Foliage variegated with white, flowers white and rose with scarlet tip..... .10
397 — **Mixed**..... .05
398 — **Coccinea.** Splendid scarlet..... .10

Sanvitalia. (A.)

Beautiful, dwarf-growing, free-flowering plants, of great value for beds and masses of low growth.

- 399 **Sanvitalia, Double.** Covered with dense masses of perfectly double golden flowers..... .10

Sedum. (P.)

An exceedingly interesting and pretty little plant, growing freely on rock or rustic work, where during the summer it expands its brilliant star-shaped flowers in the greatest profusion. It is very desirable for hanging baskets.

- 400 **Sedum Cereuleum.** Blue; from Africa..... .10

Schizanthus. (A.)

Pretty, tender annuals, one to one and a half feet high, blooming from August to October. Very pretty for pot culture.

- 401 **Schizanthus, Mixed**..... .05

Sensitive Plant (Mimosa Sensitiva). (A.)

- 402 A pretty, curious plant, being so sensitive that the leaves close together by the slightest touch..... .05

Smilax. (P.)

- 403 There is no climbing plant in cultivation that surpasses this in beauty and grace and habit of foliage. Extensively used for bouquets and floral decorations..... .05

Snapdragon (Antirrhinum). (P.)

Very showy, about two feet high, flowering the first season. Sow seeds early, in pots or under glass, transplant six inches apart.

- 404 **Snapdragon, Mixed**..... .05
405 — **Majas Nanum Picturatum.** New, distinct race of Snapdragons..... .10

Statice Suworowi. (A.)

- 406 Very showy. Flower spikes fifteen to eighteen inches in length, of bright, rosy, crimson color..... .10

No.

381 **Polyanthus Mixed.** Showy and profuse flowering hardy perennials, about one foot high, blooming in April and May.10

Portulaca. (A.)

- Sow early in warm, light soil and thin plants to four inches.
382 **Portulaca, Scarlet**..... .05
383 — **Crimson**..... .05
384 — **Mixed**..... per oz. .50 .05
385 **Portulaca, White**..... .05
386 — **Yellow**..... .05
387 — **Large-flowered, Double**..... .05

Primula. (P.)

Very beautiful and desirable plants for the parlor or greenhouse, producing a constant succession of their charming flowers through the winter and spring. Sow in light soil, in pots, any time from January to July.

- 388 **Primula Sinensis. (Chinese Primrose.)** Splendid mixed..... .25
389 — **Auricula.** The flower stalk is six to eight inches high, and bears a fine cluster of from five to seven flowers of various colors, each having a clear white or light-colored eye. Finest varieties mixed from named flowers..... .20
390 — **Evening. (P.)** A well-known showy perennial, one and a half feet high, blooming the first year from the seed..... .05

Stocks.

Half-hardy annuals, producing splendid spikes of very rich and beautiful flowers of delightful fragrance. For early flowering sow early in spring in pots or in the hot-bed, and transplant one foot apart. Bloom from June until November.

- 407 **Stocks, Princess Alice.** Snow white. This splendid new variety, also known as "Cut and Come Again," and "White Perfection," grows about two feet high, is of very branching habit, and if sown early will produce from June until November a great abundance of very large, beautiful, pure white flowers, which are replaced as they are cut..... .15
408 — **Victoria, Ten Weeks. (Deep blood-red.)** Every plant forms a perfect pyramidal-shaped bouquet, completely covered with beautiful, bright, fine double flowers..... .15
409 — **Ten Weeks, Brilliant Crimson.** Of vigorous growth and branching habit, bearing about seventy per cent of very large double flowers..... .15

- 410 — **Brompton's Salter's Scarlet.** A strong-growing biennial variety. Very brilliant in color..... .10
411 — **Dwarf German.** Finest mixed.. .05
412 — **Ten Weeks, Double Mixed.**..... .05
413 — **Dwarf, Large-flowering.** Finest Mixed. Very double. One of the finest Stocks in cultivation..... .10

Sunflower (Helianthus). (A.)

Well-known hardy annuals, with large, showy flowers.

- 414 **Sunflower, Sulphur-yellow.** A beautiful variety growing about five feet high; flowers of a delicate primrose or sulphur-yellow, with black centres..... .05
415 — **Texas Silver Queen.** A marvel when in full bloom, the plants forming perfect pyramids literally covered with flowers, which contrast strikingly with the silver-gray foliage..... .10
416 — **Dwarf Double.** Very ornamental, growing about four feet, and producing large double flowers.... .05
417 — **Variegated.** Flowers and end of stock variegated..... .05
418 — **Globosus.** Flowers very large, completely double, of a bright golden-yellow..... .05



SALPIGLOSSIS.

Swan River Daisy (Brachycone). (A.)

- 419 Very pretty, free-flowering, dwarf-growing annuals, well adapted to edgings, rustic baskets, or for pot culture..... .05

Sweet Clover. (A.)

- 420 **Sweet Clover.** Valuable for its fragrance..... .05

Sweet Sultan (Centaurea.) (A.)

- Very showy, one to two feet high, succeeding well in any soil.
421 **Sweet Sultan, Mixed**..... .05
422 — **Yellow.** The most beautiful of the Sweet Sultan family. The flowers are remarkably long-lived, very fragrant and golden in color. Desirable for bouquets..... .05

Sweet Williams. (P.)

Well-known, beautiful, hardy perennials, about one foot high, making a most splendid appearance in May and June.

- 423 **Sweet William, Single, Mixed**..... .05
424 — **Double, Mixed**..... .10
425 — **Auricular Eyed**..... .05

Thunbergia. (A.)

Very ornamental, trailing or climbing half-hardy annuals: admirably adapted for trellises or rustic work, or for the conservatory. A great acquisition for hanging baskets.

- 426 **Thunbergia Coccinea.** A deep scarlet variety..... .15
427 — **Mixed.** Flowers white and salmon, with rich maroon centres..... .05

Tritoma Uvaria (Red Hot Poker Plant).

- 428 A splendid evergreen perennial, producing flower-stems four or five feet in height, surmounted with spikes of red and yellow flowers. Remove the plants to the cellar in autumn..... .15

No. SWEET PEAS. Price per pkg.

These well-known universal favorites have been much improved, the last few years, in size and variety of colors, and for beauty and fragrance cannot be surpassed, embracing as they do every shade of color most delicately tinged and variegated. Sow in drills as early as possible in the spring in rich soil. Make a furrow six inches deep, sow the seed and cover about two inches. As soon as the plants begin to show fill in the furrow. This deep planting will enable the vines to stand the heat of summer. By cutting the flowers before they fade, thus preventing pods from forming, the blossoms may be continued the whole season.

- 429 Sweet Peas. Miss Blanche Ferry. Large pink and white flowers of deeper, richer coloring and more fragrant than the Painted Lady. A most profuse bloomer, flowering earlier and continuing longer in bloom than other varieties.....per oz., 20 cts. .05
- 430 — Purple Prince. Maroon standards shaded with purple, blue wings. Fine.....per oz., 20 cts. .10
- 431 — Invincible Scarlet. Flowers very large, of intense scarlet-pink, the most brilliant variety yet produced.....per oz., 20 cts. .05
- 432 — Invincible White.....per oz., 20 cts. .05
- 433 — Butterfly. White, suffused with lavender, with dark blue edge.....per oz., 20 cts. .05
- 434 — Painted Lady. Pink and white.....per oz., 15 cts. .05
- 435 — Striped. Dark red, crimson and rose striped with white.....per oz., 20 cts. .05
- 436 — All Colors, Mixed. In this mixture will be found the finest varieties. Per lb., postpaid, 88 cts.; per ¼ lb., 28 cts. per oz., 12 cts. .05

Eckford's New Large Flowering Sweet Peas.

- 437 — Queen of the Isles. Scarlet, mottled with purple and white.....per oz., 20 cts. .10
- 438 — Princess of Wales. White ground shaded and striped with mauve. Vigorous grower.....per oz., 20 cts. .10
- 439 — Splendor. Flowers shading from coppery crimson to rose pink.....per oz., 20 cts. .10
- 440 — Captain of the Blues. Bright blue with pale blue wings. Striking and beautiful.....per oz., 20 cts. .10
- 441 — Orange Prince. Lower petals delicate pink, upper petals suffused with orange.....per oz., 20 cts. .10
- 442 — Boreatton. Very large, of rich glossy chestnut color.....per oz., 20 cts. .10
- 443 — Countess of Radnor. Delicate lavender and mauve, beautiful.....per oz., 20 cts. .15

VERBENA. (A.)

Well-known and universally popular bedding plants, blooming all summer. May be treated as half-hardy annuals.

- 454 Verbena Hybrida Compacta Violacea. New blue flowering variety of the dwarf compact, upright-growing Verbena.....per oz., 20 cts. .15
- 455 — Candissima Nana Compacta. Very dwarf. Pure white.....per oz., 20 cts. .10
- 456 — Bright Scarlet, White Centre. The trusses of the flowers are of large size, with centres well marked.....per oz., 20 cts. .15
- 457 — New Mammoth. Every flower, when well grown, measures fully nine inches in circumference, the single florets being large enough to cover a twenty-five-cent piece.....per oz., 20 cts. .20
- 458 — Hybrida Grandiflora. Purple Cloak. Large trusses of deep velvety purple flowers, clear white centre.....per oz., 20 cts. .15
- 459 — Hybrida Coccinea Foliis Aureis. Cloth of Gold. Highly effective, golden-yellow foliage, with bright scarlet flowers.....per oz., 20 cts. .15
- 460 — Fine Mixed.....per oz., 20 cts. .05
- 461 — Finest Mixed.....per oz., 20 cts. .10



ZINNIA, TOM THUMB.

ZINNIA. (A.)

(Youth and Old Age.)

A most splendid class of hardy annuals, succeeding well in any soil, and making a brilliant show. Start early in pots or under glass, and transplant one foot apart. The same flowers will retain their beauty weeks, and a profusion will be produced until frost.

- 462 Zinnia Elegans Grandiflora Plenissima. (New Giant Zinnia.) Extremely double globe-shaped flowers, from five to six inches in diameter, of various striking and brilliant colors.....per oz., 20 cts. .10
- 463 — Grandiflora Plenissima. Striped. Very showy and beautiful. A great improvement on the Zebra Zinnias.....per oz., 20 cts. .10
- 464 — Tall. Fine varieties, double mixed.....per oz., 20 cts. .05
- 465 — Double White.....per oz., 20 cts. .10
- 466 — Dwarf Double White. Very desirable from its regularity of growth and beautifully shaped flowers.....per oz., 20 cts. .10
- 467 — Haageana. Dwarf branching habit; yellow, flushed with orange. Valuable for beds, edgings or borders.....per oz., 20 cts. .05
- 468 — Tom Thumb. Double Mixed. (See cut.) Very compact and free flowering.....per oz., 20 cts. .10



XERANTHEMUM.

- No. Price per pkg.
- 444 Sweet Peas. Mrs. Gladstone. Delicate pink, wings blush edged with pink. Exquisite.....per ¼ lb., 85 cts.; per oz., .5 cts. .10
- 445 Eckford's Large Flowering, Mixed. This mixture includes many rare varieties of various shades, colors and markings.....per ¼ lb., 85 cts.; per oz., .5 cts. .10

Venus Looking-Glass. (A.)

A very pretty hardy annual, succeeding well in any soil. Grows about one foot high and is well adapted for borders.

- 446 Mixed Colors.....per oz., 20 cts. .05

Vinca. (P.)

Beautiful bushy plants, completely covered with flowers the entire summer, foliage evergreen. Start the seed in hot-bed.

- 447 Vinca. Mixed.....per oz., 20 cts. .10

Viola Odorata.

(Sweet Violet.)

- 448 Beautiful fragrant hardy plants for beds and edgings, in moist shady situations.....per oz., 20 cts. .10

Virginian Pigmy Stock. (A.)

Extremely pretty, profuse flowering little plants, remarkably effective in small beds, baskets or edgings.

- 449 Virginian Stock. Rose and white mixed.....per oz., 20 cts. .05

Wallflowers. (P.)

Very fragrant and ornamental, tender perennials, suitable for background and amongst shrubbery.

- 450 Wallflower, Single. Mixed.....per oz., 20 cts. .05
- 451 — Double. Mixed.....per oz., 20 cts. .10

Xeranthemum. (A.) (See cut.)

Very showy, free flowering everlasting flowers.

- 452 Xeranthemum Annum Superbissimum. Very showy, the flowers are as double as those of Double Buttercup.....per oz., 20 cts. .10
- 453 — Double. Mixed.....per oz., 20 cts. .05

FLOWER SEED COLLECTIONS.

For the convenience of those who prefer to leave the selection to us, we offer the following collections. Persons thus purchasing can make a greater display, at a much less price, than ordering separate packages. These collections are not subject to any discount from the prices given below, and varieties are always to be of our selection.

COLLECTION A.

10 Pkts. of Beautiful Annuals for 25 cts.

- | | | |
|----------------|----------|-------------------|
| Asters. | Balsams. | Coreopsis. |
| Sweet Alyssum. | Phlox. | Morning Glory. |
| Mignonette. | | Nasturtium, Tall. |
- Poppy.
Pinks.

COLLECTION B—PINKS.

5 Pkts. Summer Blooming Varieties for 35 cts.

Single and Double, including Margaret Carnation.

COLLECTION C—NASTURTIUMS.

10 Pkts. Tall and Dwarf for 35 cts.

Choice desirable kinds.

COLLECTION D.

15 Pkts. Choice Annuals, Biennials and Perennials for 50 cts.

- | | |
|----------------------------|----------------------------------|
| Asters, Victoria Mixed. | Mignonette Grandiflora. |
| — Choice Varieties, Mixed. | Tall and Dwarf Nasturtium. |
| Ice-land Poppies. | Daisy, Double. Candytuft Mixed. |
| Phlox, Grand Mixed. | Calycanthemum. "Cup and Saucer," |
| Pansy, Choice Mixed. | Mixed. |
| Marigold Eldorado. | MARGARET CARNATION. |

COLLECTION E—ASTERS.

10 Pkts. of Choice Varieties for 75 cts.

Including new and very desirable sorts.

Purchasers who prefer to make their own Selections of Flower Seeds are referred to the following Prices:

For \$1.00, seeds in PACKETS, may be selected to value of	\$1.30
" 2.00, " " " " " " " "	2.70
" 3.00, " " " " " " " "	4.20
" 4.00, " " " " " " " "	5.65
" 5.00, " " " " " " " "	7.20

All Flower Seeds sent by mail postpaid on receipt of price

MIXED FLOWER SEEDS, FOR WILD GARDENS.

A splendid mixture of beautiful free blooming hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely arranged flower beds will find the "Wild Garden" a delightful substitute, with its constant and ever-varying bloom. Such a flower bed is a continual surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Price, per package, 10 cts.; ½ oz., 25 cts.

MISCELLANEOUS BULBS.

FOR FALL PLANTING. Ready in October.



GROUP OF NARCISSUS.

NARCISSUS OR DAFFODILS.

Plant five inches deep, and cover with three inches of leaves.

	Single.	Each.	Per Doz.
Poeticus, or Pheasant's Eye. Pure white cup edged with red, splendid.	.03		.25
Stella. White star-shaped flower, with light yellow trumpet. Popular for cutting.	.05		.45
Trumpet Major. Golden yellow trumpet.	.05		.45
Double.			
Alba Plena Odorata. White, sweet-scented.	.05		.45
Orange Phenix. Large double white, orange centre.	.08		.70
Von Sion. The double yellow daffodil, fine.	.05		.45
Polyanthus.			
(Desirable for House Culture.)		Each.	Per Doz.
Gloriosa. White, with orange centre.	.08		.75
Grand Soleil d'Or. Golden yellow, very fine.	.08		.75

CROWN IMPERIALS.

Mixed Varieties.

The flowers, varying in color from yellow to crimson, are produced in pendent clusters from the top of a stem, surmounted by a tuft of leaves. Each, 10c.

CHIONODOXA LUCILLÆ.

One of the most beautiful flowering bulbous plants ever introduced, producing spikes of lovely azure-blue flowers, with pure white centres. Hardy. (See plate.) 5 cts. each; 30 cts. per doz.

CHINESE NARCISSUS. (Sacred Lily of China.)

Flowers white, with yellow centre, very freely produced, and are successfully grown in water. Shallow dishes should be used, into which put an inch of gravel; on this set the bulb, fill in with small stones, and keep the dish full of water. Each, 20 cts.

RANUNCULUS. (Double Buttercup.)

Plant three inches deep and cover, before the ground freezes, with four inches of leaves, as they are not very hardy.

Ranunculus, Persian. Best mixture	Each .05.	Per doz. .25
Ranunculus, Improved French Superb	" .05.	" " .25

HYACINTHS.

The most beautiful and fragrant of the Holland bulbs. Plant in the garden in October or November, from three to four inches deep, and protect from frost. For house culture plant the bulbs even with the surface, in good sandy soil, water freely, and set away in a dark cellar for about six weeks. When placed in glasses, the water should only just touch the base of the bulb.

Double Blue	Each .08	Per doz. .75	Single Red	Each .08	Per doz. .75
Single Blue	" .08	" .75	Double Yellow	" .12	" 1.10
Double White	" .08	" .75	Single Yellow	" .10	" .90
Single White	" .08	" .75	Single Mixed	"	" .75
Double Red	" .08	" .75	Double Mixed	"	" .75

TULIPS.

Plant in October or November, five or six inches apart and three inches deep.

SINGLE.	Each.	Per Doz.	DOUBLE.	Each.	Per Doz.
Artus. Fine scarlet	.05	.40	Lord Wellington. Fine blue	.05	.40
Bizart Verdict. Yellow and red,	.05	.40	Duke of York. Carmine and white,	.05	.45
Couleur Ponceau. Purple shaded violet	.05	.40	Gloria Solis. Scarlet with yellow margin	.05	.40
Duchess of Parma. Crimson yellow edged	.05	.40	Helianthus. Fine yellow edged with red	.06	.50
Jagt von Delft. White	.05	.40	La Candeur. Pure white	.05	.35
Lac von Rhyn. Satin white and magenta	.05	.40	Pæony Gold. Golden yellow	.05	.40
Standard Royal. Vermilion and white	.08	.75	Rex Rubrorum. Superb scarlet	.05	.45
Yellow Prince. Fine yellow	.05	.45	Rosine. Bright rose	.05	.40
Choice Mixed Single Varieties,			Tournesol Scarlet. Scarlet, yellow bordered	.05	.45
\$0.35 per doz.; \$2.00 per 100.			Duc von Tholl Tulips. Mixed	.06	.50
			Parrot Tulips. Choice colors	.05	.45
			Choice Mixed Double Varieties.		
			\$0.35 per doz.; \$2.00 per 100.		

ANEMONES.

No floral display excels in richness and beauty a bed of this flower. Plant in October or November, five inches apart, and three inches deep. As they are not very hardy, the bed should be well covered.

Single; best mixed.	Each .03.	Per doz. \$0.30
Double; best mixed.	" .05.	" .35

CROCUS.

	Per doz.	Per 100
Cloth of Gold. Bright Yellow	.12	.70
Striped Sorts. Mixed	.10	.65
All Colors	.10	.60



CHIONODOXA LUCILLÆ.



FREESIA REFRACTA ALBA.

FREESIA REFRACTA ALBA.

A beautiful plant for parlor culture. Flowers pure white with yellow blotched throat, and exquisitely scented. Valuable for cut flowers. Treat as hyacinths. Each 5 cts.; per doz., 35 cts.

Summer Flowering Bulbs and Plants.

READY IN APRIL.

GLADIOLI.

These showy flowers are very easily raised, and with their tall spikes and brilliant colors of almost every variety, simple and blended, make one of the most magnificent displays of the flower garden. By planting from May till July, a continuous succession of flowers will be secured. Plant in rows a foot apart, six inches apart in the row, and two inches deep.

Beautiful French Hybrid Varieties, Splendid Mixture. Price, per 100, express, \$2.25; per doz., postpaid, 45 cts.

NEW COLLECTIONS OF GLADIOLI AT SPECIAL LOW PRICES.

No. 1 (Fine), 50 cts.; single bulbs, 8 cts.

Angele. Soft, mother of pearl color.

Napoleon III. Scarlet, white line in centre of petals.

Mad Monneret. Soft, rosy-pink, late variety.

Marie Lemoine. Upper divisions are pale creamy color, flushed salmon-lilac; lower divisions, spotted purplish violet, bordered deep yellow.

Le Titien. Very brilliant, rosy-scarlet.

Princess of Wales. White, flamed with carmine-rose.

Sylphide. White, large purple-carmine blotch.

Isaac Buchanan. Best yellow.

Ceres. Pure white, spotted with purple-rose.

Stella. White, tinted with yellow, rose, flamed with carmine.

No. 2 (Extra Fine), 75 cts.; single bulbs, 10 cts.

La Candeur. White, lightly striped with carmine-violet.

Diamant. Extra large, fleshy-white, blotched and streaked carmine.

Phebus. Brilliant red, pure white blotch.

Meyerbeer. Brilliant scarlet, flamed with vermilion, red blotch.

Romulus. Intense dark red, blotched with pure white.

Amalthee. Pure white, large violet-red blotch.

Astree. White, violet blotch, throat suffused with lilac.

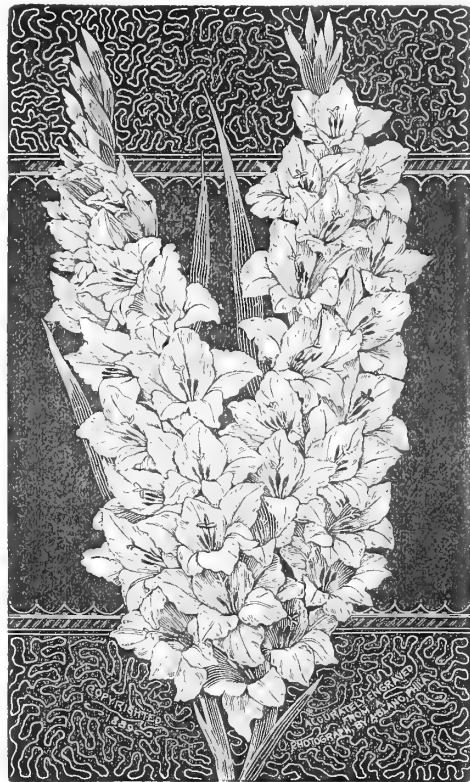
Conquete. Bright cherry-red, pure white blotch.

Reine Victoria. White, carmine-violet blotch. Very fine.

Addison. Dark amaranth with white stripes.

LEOMINE'S HYBRID GLADIOLI. (New.) For rich and vivid coloring, these have no equal. Emblazoned with the most intense burning and rich shades, they are wonderful. Price, per 100, per express, \$5.00; per doz., postpaid, 75 cts.

NEW GLADIOLUS, "SNOW-WHITE." (See cut.) The best White Gladiolus. The flowers are elegantly formed, and of great substance, lasting a remarkable length of time when cut. The spikes are of good size, set solidly and perfectly, with the flowers from bottom to top. The petals are gracefully recurved and, in many cases, beautifully crimped. Price, 25 cts.



SNOW-WHITE GLADIOLUS.

LILIES.

Plant deep where they are to remain; in winter, cover four inches deep with leaves or straw; feed them well.



BERMUDA EASTER LILY.

	Price, postpaid, Each.	Per doz.
Auratum, Golden-Rayed Japan. Blooming in great profusion, and deliciously fragrant.	.25	3.00
Candidum. Very hardy; snow-white and fragrant. Fine for forcing.	.15	1.25
Harrisii (Bermuda Easter Lily). (See cut.) Flowers large, trumpet-shaped, of a pure waxy white; an incredibly free bloomer.	.20	2.00
Longiflorum. Snow-white, trumpet-shaped lily; excellent for pot culture.	.15	1.75
Rosum. White, spotted with rose.	.15	1.50
Rubrum. Rose, spotted with crimson.	.15	1.50
Wallacei. (New.) A magnificent Japanese variety with beautiful clear buff flowers, spotted with black.	.25	2.50

CLEMATIS.

Jackmanii. Flowers large, intense velvety purple, four to six inches in diameter. The dazzling effect of this elegant vine when in blossom cannot be described. Perfectly hardy. Strong plants two years old, 75 cts.

Henry. Strong, vigorous grower, with large, creamy-white flowers. Excellent for cemeteries. Each, 60 cts., postpaid.

Davidiana. Stout, robust growing, making a top of three feet in height, with fresh, bright foliage. Its "porcelain blue" blossoms are borne in flat whorls of ten to twenty in the axils of the opposite leaves, the whole making a round, flat mass of flowers of this rare and very charming shade of blue, and most deliciously fragrant; in fact, their odor is almost precisely like that of orange blossoms. It blooms through August and September, and is especially fine for cutting. Each, 25 cents, postpaid.

Paniculata. A Japanese variety, of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are pure white, from three quarters to an inch in diameter, star-shaped and with a most delicious and penetrating fragrance.

Strong one-year plants, 55 cents each, postpaid. Two-year blooming size, \$1.00 each, postpaid.



CLEMATIS JACKMANII.

CACTI.

These plants require absolutely no care. They grow for months in the house or garden without watering, and increase in value yearly. Their flowers are of exquisite beauty and fragrance, and their curious forms render them exceedingly interesting.

Ten curious sorts, our choice, all distinct, for \$1.00; five for 50 cents.

RAINBOW CACTUS. (See cut.)

For beauty of spines, which are bright pink, red, and white, in alternate rings, and for brilliancy of flowers, this has no equal. Flowers from three to five inches in diameter, crimson-violet, shading to white. Each, 30 cents.

THE QUEEN CACTUS.

Of rapid growth, sure to bloom, and easy to manage; bears flowers often ten inches across, pure white, and delightfully fragrant. Each, 25 cents.

RHODODENDRON MAXIMUM. (See cut.)

One of the finest of our hardy flowering shrubs, tall and broad-leaved, with large bunches of magnificent pink and white blossoms, flowering in May. This variety is an extra hardy sort, with more beautiful foliage than any other, being twice as large and very thick and smooth. Extremely ornamental and unsurpassed for lawn decoration. Price, 35 cts. each, postpaid.



RAINBOW CACTUS.



RHODODENDRON MAXIMUM.

ANEMONES (The Beautiful Wind-flowers).

Beautiful fall blooming plants of vigorous growth with handsome foliage. Their lovely large cup-shaped flowers are produced on long stems and are of great value for cutting.

Japonica Alba. (*Honorine Jobert.*) Large, pure white with yellow centre. Each, 20 cts.; per doz., \$2.00, postpaid.

Rosea. Flowers pink, very fine. Each, 20 cts.; per doz., \$2.00, postpaid.

SPIREA.

Spiraea Japonica. A beautiful sort, with glossy foliage, and spikes of pure white flowers. Price, 25 cts. each, postpaid.

Spiraea Van Houttei. A round, graceful bush with rich, glossy leaves, and far surpassing all other members of this great family in the superb beauty and gracefulness of its pure white blossoms. Price, 30 cts. each, postpaid.

HARDY PHLOX.

These hardy perennials are perhaps the most widely known of all the plants in our gardens, and certainly no perennial is more worthy of culture or more effective as individual plants or grouped in masses. Price, 25 cts. each, postpaid; the collection of five for \$1.00.

Eugene Verdier. Deep lilac, shaded rosy purple with dark eye.

Independence. Large and pure white. Extra good.

Le Soleil. Brilliant china-rose, centre bright rose surrounded with pale rose tint.

Claude de Jouffroy. Reddish violet, centre purple, large.

Moonlight. Beautiful silvery rose.



SINGLE TUBEROUS BEGONIA.

IRIS (Fleur-de-lis).

Iris Germanica. These include the broad-leaved varieties, all resembling one another in foliage and habit, but totally distinct in flower. When taken as a whole they form a group unparalleled in beauty. Nothing can vie with them unless it is the Orchids from the tropics. Every shade of color may be found among them, and they will thrive in almost any soil or situation. Fine mixed varieties, 20 cts. each, postpaid; \$1.50 per doz.

Iris Kämpferi. A hardy Japanese variety producing the most gorgeous flowers, both single and double, many of them ten inches across, with an aggregation of colors quite impossible to imagine: red, white, blue, rose, crimson, and purple, striped, splashed, and veined in the most exquisite manner. Plant in a moist, sunny place, and keep very wet during the summer. Price, double and single mixed, unnamed but showy varieties, 25 cts. each; \$2.50 per doz., postpaid.

ROSE PÆONY.

Deep rose color. Most fragrant of all the pæonies, having a stronger and richer rose fragrance than any rose. Perfectly hardy. Each, 25c., postpaid.

HIBISCUS "CRIMSON EYE."

For description and cut see page 7. Strong 2-year plants \$1.50 per dozen; 15 cts. each, postpaid. 1-year plants \$1.00 per dozen; 10 cts. each, postpaid.

HYDRANGEA PANICULATA GRANDIFLORA.

One of the most valuable hardy shrubs in cultivation. The flowers are formed in large white trusses, nine inches in length, which change to a deep pink as the season advances. The bush grows about five feet high, and the branches, drooping with the weight of the flowers, give it an extremely graceful appearance. Large plants, each, 30 cts. postpaid.

AZALIA MOLLIS.

The best Japanese variety, and is now largely planted. Of low growth, with very large showy blossoms of all shades of red, white, orange, and yellow. Price, 50 cts. each, postpaid.

CALADIUM ESCULENTUM (Elephant's Ear).

Fine tropical-looking plants, with enormous leaves. Very effective as single specimens for lawn decoration. Price, large bulbs, 30 cts. each.

BEGONIAS.

TUBEROUS ROOTED. It is quite impossible to overestimate the worth of this interesting family of plants; every one should grow them. Planted where they can have plenty of moisture and a little shade from the noonday sun, they make a glorious display, excelling the most vivid geraniums. We offer tubers from the finest strain of erect, large-flowered varieties, of dwarf habit, comprising all colors,—scarlet, white, yellow, pink, etc.

Single, in Separate Colors. 20 cts. each; \$2.00 per doz.

Single, Mixed. 15 cts. each; \$1.60 per doz. (See cut.)

Double, Mixed. 30 cts. each.

CARNATIONS.

We consider the following varieties of carnations as among the best of recent introductions; combining good form and beautiful colors with vigorous growth and free-blooming qualities.

Silver Spray. One of the best whites. Flowers large, and very fragrant.

Tidal Wave. Bright rosy-pink. Flowers large, of fine form, remarkably free bloomer.

Anna Webb. Deep maroon; plants strong and robust. Fine.

Golden Gate. Rich golden-yellow; flowers of the largest size and freely produced.

Emily Pierson. Beautiful glowing scarlet, flowers very large and full, profuse bloomer.

J. J. Harrison. White, beautifully edged and striped with pink. Very desirable.

Grace Wilder. Delicate pink; unsurpassed in color; a fine variety in every respect.

Price, 15 cts., each, postpaid. The collection of seven for 75 cents.

Daybreak. Color exquisite, a charming shade of flesh pink; plants vigorous and healthy. Price, 20 cts. each, postpaid.

✱ CANNAS. ✱

LARGE FLOWERING FRENCH.

CHOICE NEW VARIETIES.

These new improved Cannas are among the finest novelties that have been offered for years. Dwarf in habit, with very large, gorgeous flowers, making fine bedding plants, and if grown in pots are equally fine for the greenhouse or conservatory. Every shoot blooms, and as often as a truss of bloom is past its prime another shoot pushes out beyond it; each stem blooms several times in succession, and, as the plants throw up numbers of shoots, they are a mass of most gorgeous bloom constantly.

Captain P. Suzzoni. Considered the finest yellow Canna yet introduced. Flowers large, with about as broad a petal as Madame Crozy, with a very large spike of bloom. Yellow, slightly mottled with scarlet; foliage light green. Price, 70 cts., each, postpaid.

Madame Crozy. Flower flaming-scarlet, bordered with gold; a marvellous combination of colors, having all the delicacy and beauty of the rarest Orchid. The plants produce all the wealth, richness, and tropical luxuriance of foliage of the common kinds, added to which is the gorgeousness of their flaming panicles of bloom, which are borne in immense heads at the terminus of every shoot. Price, 45 cts., each, postpaid.

Star of '91. Very dwarf, and a mass of scarlet when in bloom. It makes a fine pot plant, blooming splendidly in the house in the winter, the intense color of the blossoms making such plants objects of the most effective beauty. Price, 40 cts., each, postpaid.

Childs. (*The Tiger Canna.*) Dwarf, with light green foliage. Flowers of large size, perfect shape, with broad petals and of a bright, glossy yellow, thickly spotted with crimson. Price, 35 cts., each, postpaid.

STANDARD, WELL-KNOWN SORTS.

Ehehami. Massive, deep green, banana-like leaves, with magnificent magenta flowers over three inches long and two inches wide. Price, 20 cts., each, postpaid.

Robusta. Beautiful, dark bronzy foliage, striped and shaded chocolate-maroon. Price, 20 cts., each, postpaid.

Adolph Wieck. Bright scarlet. The flowers are so exceedingly brilliant and so numerous that for bedding it is indispensable; foliage light green, habit dwarf. Price, 20 cts., each, postpaid.

Noutonii. Large cardinal colored, velvety scarlet flowers, tall, erect grower. Price, 20 cts., each, postpaid.

Unnamed mixed sorts. Either dwarf or tall. Price, 12 cts., each, postpaid; \$1.20 per doz.



FRENCH CANNAS.

HONEYSUCKLE.

Hall's Japan. A new variety from Japan, and considered a great acquisition. It is ever green and a constant bloomer; flowers pure white, changing to yellow; very fragrant. Each, 30 cts., postpaid.

Belgian. (*Monthly Fragrant or Dutch Honeysuckle.*) Blooms all summer. Red and yellow, very fragrant flowers. Each, 30 cts., postpaid.

Lily of the Valley.

A great favorite because of its delicious fragrance and low growth, bearing graceful bows of fairy-like lily bells. Each 5 cts.; per doz., 50 cts.

Ampelopsis Veitchii.

This is the famous creeper that clings to any building by means of its tendrils, no artificial support being needed. It is sometimes known as Boston Ivy. It is of an exceedingly rapid growth and perfectly hardy. Foliage pretty, dense, and attractive, and when in the fall it gradually changes to nearly all the colors of the rainbow, presents a mass of brilliancy unequalled in its magnificence. Strong plants, eighteen inches high. Each, 25 cts., postpaid.

Cinnamon Vine.

A beautiful, rapid-growing, summer climber, with glossy foliage and spikes of delicious cinnamon-scented flowers. Good-sized roots, each 10 cts.; 3 for 25 cts.



TIGRIDIA.

Smilax.

There is no climbing plant in cultivation that surpasses this in beauty and grace of habit and foliage. Easily grown in pots in the house and fine for floral decorations. Bulbs each, 20 cts.

Madeira or Mignonette Vine.

A beautiful climber, of rapid growth, adapted to outdoor growth in the summer or the house in winter. It completely covers itself with long racemes of deliciously fragrant white flowers. Tubers should be kept in cellar over winter. Each 5 cts.; per doz., 50 cts.

Wistaria.

Chinese Purple. A hardy, strong-growing twining vine, with handsome, luxuriant foliage, producing in midsummer long, drooping clusters of beautiful lilac, fragrant flowers. Price, 30 cts., each, postpaid.

DOUBLE TUBEROSE.

The Pearl. Beautiful, white, wax-like, very sweet-scented, double flowers, growing on tall stems, each stem bearing a dozen or more flowers. Remove all offshoots from the sides of the bulbs, start in the house in April, and transplant to open ground for summer blooming. Planted in pots in April, and taken into the house when frost comes, they will freely bloom in December. First-quality bulbs, each, 7 cts.; per doz., postpaid, 60 cts.; per doz., per express, 45 cts.

TIGRIDIAS (*Mexican Shell Flower*).

Beautiful summer-flowering bulbs, producing in great profusion large, gorgeous flowers, exquisitely spotted. Plant six inches apart, in a warm, sunny location.

Tigridia Conchiflora. Rich dark yellow, spotted with crimson; 8 cts., each, 3 for 20 cts.

Tigridia Grandiflora. Enormous flowers, rich, dark scarlet, the inner part yellow, heavily marked with deep-crimson, 8 cts., each, 3 for 20 cts.

Tigridia Grandiflora Alba. The white Tigridia. Another gorgeous flower; petals large and wide; centre of flower largely blotched with red and violet; 10 cts., each, 3 for 25 cts.

BOLTONIA LATISQUAMÆ.

A magnificent sight in our garden last September was one of these plants in bloom. The stalks and flowers were so numerous we had them counted; there were 88 stalks and 1,137 flowers all open at one time! This was on a plant three years old, for they are perfectly hardy. The flowers, similar in shape to the oxeyed daisy, are of a delicate rose color and deeper at the centre. It makes a dense bush with light green foliage, growing to the height of three to four feet. The blossoming is at its height in August and September, when flowers are scarce. Each flower has its separate stem, making it suitable for bouquet work. Price, 20c. each, postpaid.

HELIANTHUS MULTIFLORA PLENUS. A perfect gem that should be in every garden. The plants attain a height of about four feet, and in their blooming season, in August and September, they are nearly covered with bright golden-yellow double flowers, about the size of a dahlia. Desirable for cutting, flowers remaining bright and fresh for days. Bulbs, each, 15 cts.; per doz., \$1.50, postpaid.

POT-GROWN DAHLIAS. As hardy as those grown in open ground. Twenty-five varieties of various colors, each, 20 cts.; per doz., \$2.00, postpaid.

OLD-FASHIONED GARDEN PINK ROOTS. The delicious, sweet-smelling pinks of our grandmothers. Very hardy and easily grown. Each, 10 cts.; per doz., 75 cts., postpaid.

WATER LILIES. (*Hardy.*)

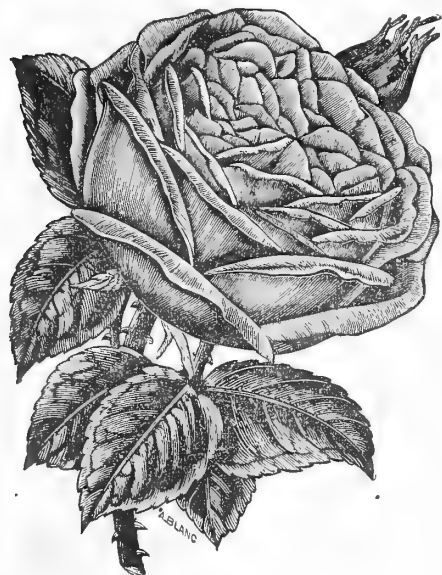
NYPHÆA ODORATA. The well-known fragrant pond lily. Its lovely pure white flowers are worthy of a place among the choicest varieties. Each, 25 cts., postpaid; \$2.00 per doz.

NYPHÆA ODORATA ROSEA. The famous pink water lily. Flowers large, cup-shaped, a lovely deep pink in color, deliciously fragrant and a free bloomer. Strong flowering roots, \$1.00 each, postpaid.

ROSES.

Select List of Choice Hardy Varieties for the Open Ground.

Our customers will find these varieties to be not only choice, but hardy, bearing large and fragrant flowers the same season they are planted. The plants are two years old and extra large and strong, not the puny, weak affairs too often sent out. We are growing most of these varieties in our own garden. We have picked good buds from them well into November; and several of the bushes the second season have grown shoots from five to nine feet in height. Price, per express, at purchaser's expense, 40 cts. each, or \$4.00 per doz.; per mail, postpaid, 50 cts. each, or \$4.75 per doz.



LA FRANCE.

Vick's Caprice. (New.) Flowers large, slightly cup shaped, but full and deep; petals thick and lasting, with ground color clear satiny pink, distinctly striped, and dashed with white and bright carmine. Buds very beautiful, showing stripes and markings to great advantage.

Mrs. John Laing. (New.) Flowers large, semi-globular in shape, of an exquisite shade of soft pink, and deliciously fragrant. A grand novelty; considered the finest hardy rose of its color ever offered.

Magn's Charta. Bright pink, suffused with carmine.

Gen. Jacqueminot. Color, rich crimson; of fine shape, and exquisite fragrance.

Anna de Diesbach. Clear, bright-rose; very large and finely shaped; full and fragrant.

Paul Neyron. Bright, shining pink; flowers very double; probably the largest rose grown.

Coquette des Blanches. Pure snowy white, sometimes faintly tinged with pale rose; blooms in large clusters; flowers medium size.

Antoine Mouton. Flowers of extraordinary size and fulness; very fragrant, color bright, clear pink; reverse of petals silvery-rose.

Baron de Bonstetten. Rich velvety maroon, large and full; a splendid sort.

Charles Lefebvre. Brilliant crimson, with deep purple centre.

John Hopper. Dark-rose color, crimson centre.

Madame Gabriel Luizet. Delicate silvery pink, shading off to white; flowers very large, cup shaped. A beautiful rose.

La France. Flowers large and beautiful, satiny shade of pink changing to blush, and of delicious fragrance. (See cut.)

Baltimore Belle. (Climbing.) Pale blush, very double, borne in clusters, the whole plant appearing a perfect mass of bloom.

Prairie Queen. (Climbing.) Clear, bright pink, sometimes with white stripe; very double and full.

Luxembourg. (Moss.) Bright crimson-scarlet, large, double, very sweet and mossy.

POLYANTHA, OR MANY-FLOWERED ROSES.

This class is a most valuable addition to hardy garden roses. They are quite dwarf, and bloom constantly, bearing the most charming clusters of miniature blossoms; 40c. each, by mail, postpaid.

Floribunda. Pale rose, very double, and borne in large clusters. A constant bloomer.

Mignonette. Flowers perfectly double, and deliciously perfumed. Color, clear pink, sometimes white, flushed with rose.

Clothide Souper. (Tea Polyantha.) Fine for garden or pot culture. Flowers very double, produced in clusters, pearly-white, with rosy-lake centres. One of the most valuable roses of recent introduction. If allowed to remain outdoors in winter, should be protected.

ROSA RUGOSA (Japanese Rose).

Very ornamental, adapted to all soils and the most exposed situations. Bushes large, thick, and compact, with broad, handsomely ribbed foliage of a deep shining green, which is studded with beautiful single flowers in the greatest profusion. The flowers are followed by brilliant fruits of almost gigantic proportions, so showy that it is almost difficult to say whether the plants are more effective in flower or fruit.

Rubra. Deep crimson flowers; fruit brilliant carmine. Each, 55 cts., postpaid.

Alba. Flowers pure white, very large, fruit deep orange-red. Each 55 cts., postpaid.

Madame G. Brunt. This new hybrid inherits the beautiful foliage and hardiness of the Rugosa, with the flowering qualities of the tea roses. Buds long and pointed, flowers semi-double, pure white, very fragrant, and produced freely in clusters. Each, 70 cts., postpaid.

CHRYSANTHEMUMS.

The Leading Autumn Flower.

There are no flowers that make such a magnificent display in the autumn as these, with their almost endless variety of fanciful shapes, and colors ranging from the purest snowy white, delicate pink and rose, through all the shades of brilliant yellows and deep reds. Set out the plants in a sunny, sheltered location, in good, rich soil, with plenty of well-rotted cow manure. Water freely, and keep them well cut back until the first of August. If wanted for indoor blooming, they should be lifted about the middle of September, potted, watered thoroughly, and set in a shady place for a few days; afterwards expose them to the full light, with temperature not higher than 50 degrees. In cold climates, winter in cellar.

We have selected the following from the best and newest varieties, many being prize winners at recent exhibitions:—

	Price, postpaid, each. Per doz.	
Wm. H. Lincoln. Magnificent golden-yellow, extra large flowers; slightly incurved and free bloomer.....	.15	1.50
Ivory. Pure white, incurved; early and free flowering; still king of the whites.....	.15	1.50
Mr. H. Cannell. Intense bright yellow. Large flowers with broad petals gracefully and regularly incurved.....	.15	1.50
Vivian-Morel. Immense flowers, regular in form, reflexed; pink, slightly tinged with claret. An ideal flower.....	.15	1.50
Tuxedo. Amber, tinged and shaded with brown. Large, full flower. Fine.....	.15	1.50
Henry Balsley. Pink, very beautiful, delicate shade. Flowers very double, semi-globular, with erect petals.....	.15	1.50
Geo. W. Childs. Flowers large and full, reflexed; deep velvety crimson. The finest of its color.....	.15	1.50
Mrs. Hicks Arnold. An early variety, with large full flowers of a beautiful bronze color. Fine.....	.15	1.50
Ed. Hatch. White, suffused with pink, exceedingly large and deep bloom. Incurved.....	.15	1.50
Mrs. Robt. Craig. White, incurved, of fine globular shape. Very beautiful.....	.15	1.50
Robt. McGinnis. Deep crimson and old gold; flowers very double, beautifully incurved.....	.15	1.50
Margurite Jefferds. Immense incurved flower, forming a perfect ball; buff, tinged with pink on outer petals.....	.15	1.50
Mrs. Jerome Jones. Very large, creamy white flower, incurved, round and full. The finest late white.....	.35	
L. C. Madeira. A compact globe of bright glowing yellow; flowers large with upright petals. Very fine.....	.35	

CHRYSANTHEMUM SEED. (Selected from choice collections.)

If sown in February in pots or hot-bed the plants will bloom the first year, and will give beautiful flowers in great variety of colors and forms. From such seedlings many new choice varieties are obtained.....per pkg. .25

SMALL FRUITS.

Prices, per mail, postpaid, or express at purchaser's expense. No discount.

Will our friends, if possible, kindly send in their orders for these, except Strawberries (which please see), by April 10?

STRAWBERRIES.

For hill culture, plant fifteen by fifteen inches; for matted growth, plant rows three feet apart, and plant one foot apart in the row. We can supply, in August, potted plants of those marked with a * at 50 cts. per doz., \$2.50 per 100; per express or freight at purchaser's expense. Those marked with "P" are pistillate varieties, needing staminate sorts near them. Shipping season from October 1 to May 15, except when the ground is frozen.

Few varieties do equally well in all localities or on all soil. These we have selected are not only in the first class because of their general excellence, but they come nearest to doing well in all localities and on all soil, according to the testimony of every Agricultural Experimental Station, and of the largest strawberry growers, which we can indorse in part from our own observation and experience.

Timbrell. (P.) This new strawberry has created a sensation among prominent horticulturists. The introducer claims that it is not only the best of all varieties, but is also the most profitable to raise either for the market or for home use. This reads extravagantly, but men of such weight as E. S. Carman, editor of *Rural New-Yorker*, says the same, and adds: "Were I confined to one variety, it would be the Timbrell." Foliage very rank and vigorous; fruit round and generally symmetrical; size extra large, very solid, and will bear shipment well; quality superb, "better than any strawberry in cultivation," says Mr. Carman. A magnificent late variety. Per dozen, per mail, postpaid, \$2.00; per 100, \$10.00; per 100 per express, \$9.80.

The Marshall. This is the big strawberry that received two first and three second prizes in 1892 and 1893, at the great annual exhibition of the Massachusetts Horticultural Society. It is reported by the committee as being of "large size, good form, dark color, and good quality; a promising new and distinct variety." Color, a very dark red, extending through the berry. Three thousand quarts were picked from one third of an acre in 1892. Berries enormous in size, fourteen filling a basket. Of fine flavor and a good keeper. Plants extra vigorous, standing from twenty to twenty-two inches in height. Blossom, perfect. We sell at price made by the originator. Per doz., postpaid, \$3.00.

Leader. A Massachusetts seedling. The plants are vigorous and excellent croppers. They bed well. The berries are extra large, conical in form, and of a deep scarlet color, coloring all over at once. Quality good. A berry to take the eye and satisfy the palate. Per doz., per mail, 50 cts.; per 100, \$2.00; per 100, per express, \$1.80.

Van Dieman. A most promising sort, ranked among the very best of the newer kinds. It is spoken highly of by the various experimental stations that have tested it. A vigorous grower, with strong and healthy foliage, it has proved remarkably productive under favorable circumstances. Berries conical, uniform, and regular; color, a deep glossy scarlet; firm in texture and of good quality. Early. Per doz., per mail, 50 cts.; per 100, \$2.00; per 100, per express, \$1.80.

The Martha. (P.) Among the great number of varieties tested in 1892 at the experimental station of the Agricultural College at Amherst, Mass. (we think over one hundred kinds), they speak of the Martha as "one of the most noticeable varieties in the plots. Medium in size, wonderfully productive, of good color and quality." Per doz., per mail, 50 cts.; per 100, \$2.00; per 100 per express, \$1.80.

***Parker Earle.** Speaking from our own experience, we would rank this as *the one* strawberry for profit, for family use, or a near market. On our grounds, a rich old garden, with manure at the rate of eight cords to the acre, the yield on a plot of one hundred and fifty square feet was sixty-one quarts, which, after allowing one fourth of the land for paths, would leave over four hundred bushels to the acre. Plant very robust; berries large and very uniform in size, oblong in shape, of a glossy crimson color, of excellent quality but not very firm. It has yielded enormous crops, from Texas to Michigan. Bisexual, and therefore self-fertilizing. Price, by mail, postpaid, per doz., 40 cts.; per 100, \$1.20; by ex., per 100, \$1.00; 1,000, \$7.00.

***Beverly.** This is a seedling of the well-known Miner's Prolific, and may be called an improved Miner. Plants vigorous, foliage healthy, blossoms staminate, berries large, mostly conical; dark glossy crimson in color; texture firm, and quality excellent. Mr. George F. Beede, the well-known strawberry grower of Fremont, N. H., writes: "Among sixty varieties I am testing, for healthy foliage, vigorous growth, and rapid increase of plant the Beverly was unsurpassed. I am confident it is a great acquisition to both our market and home list of strawberries." Evidently a first-class berry under high cultivation. Price, by mail, postpaid, per doz., 50 cts.; per 100, \$1.50; by ex., 100, \$1.30; 1,000, \$12.00.

***Beder Wood.** Of this fine variety Mr. Mathew Crawford, of Ohio, says: "This is, in my opinion, the best early variety ever introduced, either for home use or market. The plant is faultless, and enormously productive. No rust yet. Fruit large, of fine form and color, moderately firm, and of good quality." Price, by mail, postpaid, per doz., 35 cts.; per 100, \$1.10; by ex., per 100, 90 cts.; 1,000, \$6.00.

***Lovett's Early.** This is probably a cross between the Crescent and the Wilson, being larger than either, as prolific, and excelling each of its parents in some good characteristics. The berries are of good size, of the brightest crimson, and excel all but the Wilson in firmness of flesh. Quality very superior. The plants are very healthy and vigorous, and bisexual, and therefore self-fertilizing. It has been extensively tested at the Experimental Stations; they class it as an excellent new variety. Price, by mail, postpaid, per doz., 35 cts.; per 100, \$1.10; by ex., 100, 90 cts.; 1,000, \$6.00.

***Early Michael.** (New.) The best first early variety, of beautiful color; a good shipper; valuable market variety. Vines stout and vigorous. Price, by mail, per doz., 35 cts.; per 100, \$1.10; by ex., per 100, 90 cts.; by ex., per 1,000, \$5.00.

***Haverland.** (P.) (New.) Exceedingly productive, fruit large and fine, color bright crimson; plant vigorous. Medium early. First-rate for market. Price, by mail, 30 cts.; per 100, \$1.00; by ex., per 100, 80 cts.; by ex., per 1,000, \$4.00.

***Warfield.** (No. 2.) (P.) (New.) An early market sort, rivalling the Crescent in yield, and exceeding it in size, beauty, and firmness. Berry large, beautiful; color, dark red. A good shipper. Price, by mail, per doz., 30 cts.; 100, \$1.00; by ex., per 100, 80 cts.; per 1,000, \$4.00.

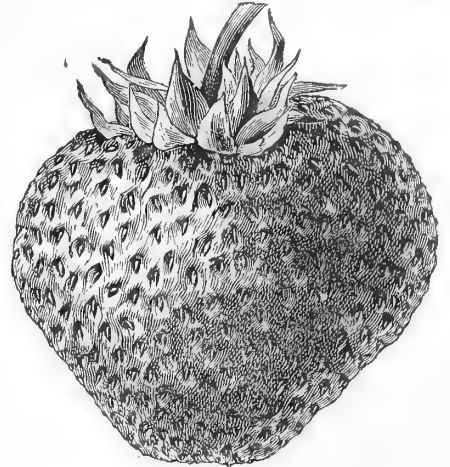
Gandy. (New.) Says Lovett: "This is the ideal late berry. Berries of mammoth uniform size and shape, very showy and of superior quality." Price, by mail, per doz., 30 cts.; per 100, \$1.00; by ex., per 100, 80 cts.; by ex., per 1,000, \$4.00.

***Bubach.** (No. 5.) (P.) (New.) Wonderful in vigor of plant and yield of fruit. Not a shipping berry, but simply A 1 for family use. Second early. Price, by mail, per doz., 30 cts.; per 100, \$1.00; by ex., per 100, 80 cts.; by ex., per 1,000, \$4.00.

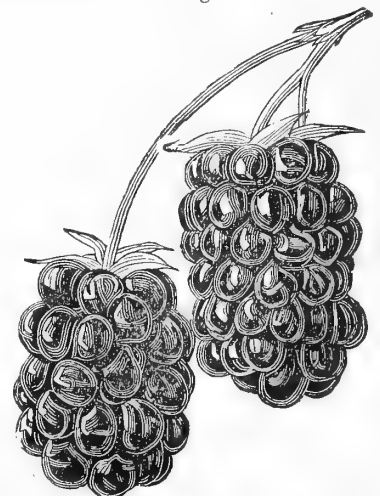
Crescent Seedling, *Sharpless, Wilson's Albany. Standard sorts. Price, per mail, per doz., 30 cts.; per 100, \$1.00; per ex., per 100, 80 cts.; per 1,000, \$4.00.

DEWBERRIES.

Lucretia Dewberry. This is decidedly the best of all the dewberries, or low-running blackberries. It is a superb fruit; melting, and of a delicious quality. The plant is entirely hardy everywhere, a healthy, strong grower, and exceedingly productive. Price, by mail, one, 12 cts.; by mail, per doz., 85 cts.; by ex., per doz., 70 cts.; by ex., per 100, \$2.25.



TIMBRELL STRAWBERRY.



LUCRETIA DEWBERRY.

SMALL FRUITS—Continued.

BLACKBERRIES.

Plant vines six by six, and treat as with raspberries, with the exception that they should be cut back to four feet.

Eldorado Blackberry. Very hardy, remarkably productive, and superb in quality. Mr. H. E. Van Deman, National Pomologist, says: "Never have I tasted any blackberry equal to the Eldorado." Several of the experimental stations speak emphatically of its *hardiness, quality, and productiveness*. The Ohio experimental station ranks it as hardy as the Snyder, but with a larger berry and of better quality. It is not only extra sweet, but is entirely free from the hard core common to most varieties. The berries when picked keep exceptionally well. Certainly a blackberry of great promise. Price, per mail, one, 40 cts.; per doz., \$3.00; per ex., \$2.85; per 100, per ex., \$20.00.

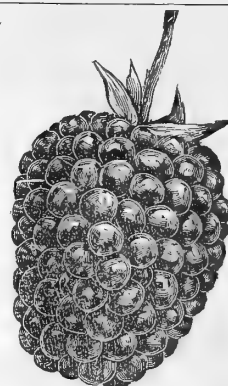
Erie. (New.) Says Lovett: "There is no berry that rivals it in the four properties of hardness, size, earliness, and productiveness. None will compare with it for market or the home garden. Price, by mail, one, 15 cts.; per doz., 95 cts.; by ex., per doz., 80 cts.; 100, \$4.00.

Early Harvest. (New.) Extremely early; very productive; first-class in quality. Price, by mail, one, 12 cts.; per doz., 90 cts.; by ex., per doz., 75 cts.; by ex., per 100, \$2.50.

Kittatinny. Very large; exceedingly productive. Price, by mail, one, 12 cts.; per doz., 90 cts.; by ex., per doz., 75 cts.; by ex., per 100, \$2.50.

Snyder. The hardiest; enormously productive. Price, by mail, one, 12 cts.; per doz., 90 cts.; by ex., per doz., 75 cts.; by ex., 100, \$2.50.

Lovett's Best Blackberry. Mr. Lovett, the well-known nurseryman, thus discourses on his new blackberry: **ELDORADO BLACKBERRY.** "Its strong points are, enormous yield, great hardiness of cane, earliness in ripening, large and uniform size and shape, jet-black color (never turning red after gathered), fine appearance and excellent quality." It appears to be hardy, having been exposed to a temperature of several degrees below zero without injury even to the terminal bud. Price, by mail, one, 20 cts.; per doz., \$1.80; by ex., per doz., \$1.65; by ex., 100, \$12.00.



GRAPES.

One-year-old vines. Will send two-year-old vines for half as much more.

Soil should be dry and warm. Plant nine by six. Cut back, in fall, to two eyes. Cedar posts and wire for trellis.

Empire State. Very hardy, white; tender, juicy, sweet, and rich. Price, by mail, one, 25 cts.; by mail, per doz., \$1.40; by ex., per doz., \$1.20.

Niagara. White, ripens with Concord; good bearer. Price, by mail, one, 20 cts.; per doz., by mail, \$1.00; by ex., per doz., 80 cts.

The Salem Grape. The No. 15 of Mr. Rogers's famous seedlings. This by many is ranked as the best of Mr. Rogers's grapes. The vine is a strong grower, very productive, producing large bunches of red grapes of large size, very sweet, and with the rich flavor of its foreign parent. Price, by mail, one, 15 cts.; by mail, per doz., 95 cts.; by ex., 75 cts.

Green Mountain (or Winchell Grape). An early white grape, ripening with Moore's Early. Clusters are of medium size and often shouldered; berries a little larger than those of the Delaware, greenish white when fully ripe, skin thin and quality fine, pulp being tender and sweet, quite free from foxiness. The vines are of vigorous growth and apparently quite hardy. The introducers say of it: "We do not believe there is an early grape superior to it in quality. It has not failed to produce or ripen a full crop in the three years we have tested it. The vine grows as strong as the Concord, and will flourish in any soil where the Concord grows. It is especially well adapted to be grown in northern localities." This view of the originators we find heartily indorsed by the leading nurserymen and grape growers who have raised it. We asked one gentleman, who had the most extensive collection of the newer sorts of grapes at the annual exhibition of the Massachusetts Horticultural Society, which of all his numerous varieties he would recommend to the average man to plant, and he unhesitatingly pointed to the Green Mountain. Price, by mail, one, 45 cts.; by mail, per doz., \$4.70; by ex., \$4.50.

Moore's Early, Concord, Delaware, Brighton standard sorts. Price, by mail, one, 12 cts.; per doz., per mail, 90 cts.; per doz., per ex., 75 cts.

CURRANTS.

Plant on deep, strong, rich soil four by five feet apart. Cut back young shoots one third every year. To protect from currant worms, dust with hellebore at time of blossoming, when dew is on, and repeat when fruit is full grown.

Fay's Prolific. As large as Cherry and with larger bunches; rapidly superseding it. Price, by mail, one, 15 cts.; per doz., \$1.65; by ex., per doz., \$1.50; by ex., per 100, \$10.00.

Cherry. Best, largest of the reds. **White Grape,** the best white. Price, by mail, one, 12 cts.; per doz., 85 cts.; by ex., per doz., 70 cts.; by ex., per 100, \$5.00.

Victoria. A splendid variety; great bearer; bunches extremely long. Price, by mail, one, 12 cts.; per doz., 85 cts.; by ex., per doz., 70 cts.; by ex., per 100, \$5.00.

JAPANESE WINE BERRY.

Each berry grows in a burr, which opens as the fruit ripens, which, running through all the shades from amber to crimson, makes one of the most brilliant displays known in horticulture. They have a rich and sprightly flavor, with a brisk sub-acid, making them fine for preserving. We have only the seeds of this. Price, 10 cts. per package.

GOOSEBERRIES.

Plant three by four feet, in deep, rich soil, in as cool a location as possible. Protect from currant worms by the use of hellebore, as directed for currants.

Red Jacket. (New.) Says Josslyn: "This berry is as large as the largest; very prolific and hardy; quality and foliage the best. For seven years no mildew has ever appeared on the Red Jacket." Color, red. Price, by mail, one, 50 cts.

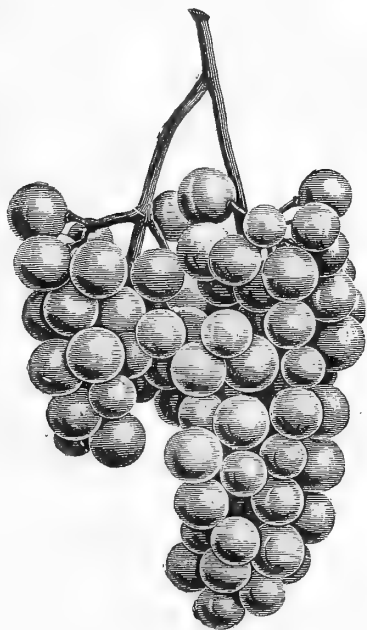
Triumph. (New.) Another new American seedling of the mammoth class; hardy and prolific. Until within a year, gooseberry raising in the United States has been confined to the small varieties, but now three new American seedlings come before the public, all of the mammoth class, equal to the famous English sorts. These will be likely to begin a revolution in the raising of this fine fruit. Price, by mail, one, 25 cts.; by mail, per doz., \$2.20; by ex., per doz., \$2.00.

Industry. (New.) We find this of large size, of good flavor, and very productive. Red in color. Price, by mail, one, 30 cts.

Smith's Improved. A large pale yellow variety, of excellent quality; exceedingly prolific, and of vigorous growth. Price, by mail, one, 20 cts.; by mail, per doz., \$1.70; by ex., per doz., \$1.50.

Downing's Seedling. Best of the hardy pale green varieties. Price, by mail, one, 15 cts.; by mail, per doz., \$1.00; by ex., per doz., 75 cts.; by ex., per 100, \$5.00.

Houghton's Seedling. Red in color, very productive. Not subject to mildew. Price, by mail, one, 15c.; by mail, per doz., \$1.00; by express, per doz., 75c.; by express, per 100, \$5.00.



GREEN MOUNTAIN GRAPE.

SMALL FRUITS — Continued.

RASPBERRIES.

Plant Black Cap variety five feet apart each way, the other kinds four feet. Plant shallow, and cut back the canes. Leave but three or four suckers to grow.

Lovett. (Black Cap, New.) This new raspberry, in a test of several seasons, proves to be "as early as Doolittle, as large as the Gregg, perfectly hardy, very firm, and a good keeper, very sweet, and of the finest flavor." Price, by mail, one, 15 cts.; by mail, per doz., \$1.00; by ex., per doz., 85 cts.; by ex., per 100, \$3.00.

Rancocas. (New.) Red; hardy, early, and productive. Fine shipping berry. Price, by mail, one, 12 cts.; by mail, per doz., 65 cts.; by ex., per doz., 50 cts.; by ex., per 100, \$1.50.

Marlboro'. Red; strong grower, hardy and productive; early, and continues long in bearing. Price, by mail, one, 12 cts.; by mail, per doz., 65 cts.; by ex., per doz., 50 cts.; by ex., per 100, \$1.50.

Gregg. (Black Cap.) The leading late black cap; very popular market sort. Price, by mail, one, 12 cts.; by mail, per doz., 65 cts.; by ex., per doz., 50 cts.; by ex., per 100, \$1.50.

Cuthbert. Red; remarkably productive. Price, by mail, one, 12 cts.; by mail, per doz., 65 cts.; by ex., per doz., 50 cts.; by ex., per 100, \$1.50.

IMPLEMENTS.

A. H. MATTHEWS' LITTLE GEM SEED DRILL.

This new drill, which was designed by Mr. Matthews, the inventor of the larger drill, is especially intended for farmers and small gardeners, who have long felt the need of a low-priced, reliable seed drill. The "Little Gem" will make the drill, drop and cover all the seeds, such as turnip, carrot, sage, spinach, onion, parsnip, beet, etc., and mark the next row, as perfectly as the best twelve-dollar drills, and yet it costs only half the price. It is well made by experienced men. It weighs only twenty pounds, will last many years, and is warranted to give entire satisfaction. It has acquired great popularity, and the sales have increased with each year. Price, per express or freight at purchaser's expense, \$5.00.

GLASS CUTTING AND GLAZING TOOL. Some of our workmen who use this implement find it cuts glass about as readily as a glazier's diamond, and for all the purposes of cutting and setting glass is just about as valuable, though it costs not one twentieth as much. One we have had in use several years is now as good as ever. Sent, postpaid, for 12 cents.

CLOUGH'S ADJUSTABLE SIEVE.

"UNIVERSAL" Sieve would have been a better name, for we find that it will do the work for which we before required twenty or more different sieves. Capital for cleaning all sorts of seed, beans, peas, grain, etc. The black spot near the middle represents a screw, by the turning of which the cross-bars can be brought nearer together, thus altering the distance between these bars, and practically making it a different sieve with every alteration. Price, per freight or express at purchaser's expense, \$2.00.

LANG'S HAND WEEDER.

This we find to be by actual trial a first-class labor-saver; it will save its cost in a day. The special advantage of this over all other weeders of this class is, that it has a band which passes over the fingers, which, when the tool is not in use, gives full use to the hand for pulling weeds and thinning out plants without laying down the tool. It is neatly and strongly made. Price, per express, 25 cts.; by mail, postpaid, 30 cts.

NOYES' HAND WEEDER.

This is an excellent little implement for hand weeding in bed sauce, such as onions, carrots, and the like; it is especially valuable where the ground is hard or baked. We have had them in use on our seed farms for several years, to our great satisfaction. Price, by express, 25 cts. each; mail, 30 cts.

HASELTINE'S HAND WEEDER.

(One sixth full size.)

This is not only a good weeder and scraper, but with its point becomes a good implement for the thinning out, where plants are too thick, and for lightening the soil. The blade is solid steel, oil-tempered, 7-8 inch wide, 1-8 inch thick, and is sharp on all its edges. Capital for weeding, thinning, and stirring soil among onions, carrots, strawberries, etc. Price, per express, 25 cts.; mail, postpaid, 30 cts.

GEM OF THE GARDEN.

This hand cultivator has given great satisfaction among market gardeners. Our old customer, Mr. W. Holmes, of Davenport, Ia., writes to a dealer as follows: "For about twenty years I have used, as they were introduced, five or more of the improved cultivators, not one of which failed to pay well; but I have found none which, for thoroughness of work, adaptation to many crops and ease of handling, and shifting to any desired width or depth, equals the 'Gem' you sold me the past spring. For onion or strawberry culture it leaves but little to be desired." A dozen other practical farmers testify to the same purpose. Price, per express or freight at purchaser's expense, \$5.00.

EXCELSIOR WEEDER.

A handy and efficient tool in the flower and vegetable garden, to be used when weeds are small. By express, 25 cts.; mail, 30 cts.

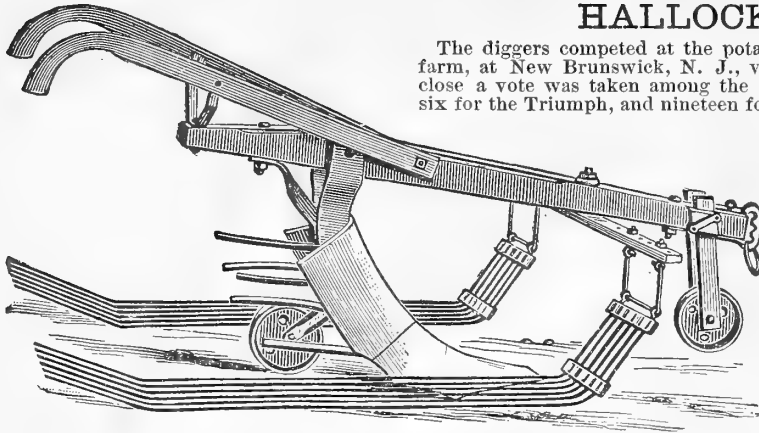
GOLDMAN'S ATOMIZER.

For sprinkling flowers, clothes, carpets, and house plants, for destroying insects, for disinfecting and deodorizing rooms, this little implement fills the bill completely. For sprinkling where a fine spray is required it is perfection itself. Price, per exp., 40 cts.; per mail, postpaid, 50 cts. Extra balls, 20 cts.

GREENLEAF'S SEED PLANTER.

A small, simple, handy, cheap but efficient little seed-sower for the kitchen-garden. We have given this little implement a careful test with so fine a seed as lettuce, also with spinach and beets, and find that it does very good work. It drops the seed very regularly. We can heartily recommend it to all our friends who plant a kitchen-garden, as a very convenient and back-saving labor saver. Its cheapness puts it within the reach of every one. Price, per express, at purchaser's expense, \$2.50.

HALLOCK'S POTATO DIGGER.

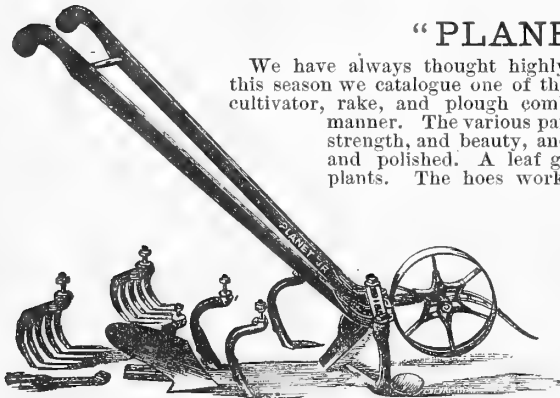


HALLOCK'S POTATO DIGGER.

The diggers competed at the potato-digging contest, open for all comers, at Mr. McCurdy's farm, at New Brunswick, N. J., viz., the Triumph, the Hoover, and the Hallock. At its close a vote was taken among the farmers present and the result was, four for the Hoover, six for the Triumph, and nineteen for the Hallock. As the result of the trial, we purchased one for our own use and find it superior, in the less power required and thoroughness of work done, to either the Allen or Common Sense digger which we had previously used; indeed, *where the ground is cleared from weeds and vines*, there is no necessity of digging after it, as the harrow will bring to light all that are not thrown out on the surface. Where the land is very weedy or the vines are green, we unhook the two wings and lay them aside. We find the Hallock a great labor-saver. It throws the potatoes on the surface *entirely free from cuts or injury* of any kind.

Mr. P. B. Conets, of Flint, Mich., writes: "I have dug 10,000 bushels with the one purchased, and can turn out 500 bushels a day with five men. I would not take \$50 for it if I could not get another. I have had most all other diggers, costing from \$90 to \$125, but I would sooner have yours even at the highest price." Price, per exp., or freight at purchaser's expense, \$20.00.

"PLANET, JR.," SINGLE WHEEL HOE.



"PLANET, JR.," SINGLE WHEEL HOE.

We have always thought highly of some of the varieties of garden implements known as "Planet, Jr.," and this season we catalogue one of them, viz., the Single Wheel Hoe and its various attachments, making it a hoe, cultivator, rake, and plough combined, capable of doing nearly all kinds of garden cultivation in a superior manner. The various parts are of easy adjustment, and the whole implement is a combination of lightness, strength, and beauty, and a time and labor saver. All the blades are steel, hardened in oil, tempered and polished. A leaf guard has recently been added to prevent injury to the leaves in weeding spreading plants. The hoes work deep or shallow, narrow or wide,

up to sixteen inches, though for very wide or heavy work it is generally better to cut out the centre of the row rapidly, and do the close work afterwards. The rakes are good for killing weeds when they first make their appearance. Price, per express or freight, at purchaser's expense, \$5.50.



CYCLONE EXTERMINATOR.

CYCLONE EXTERMINATOR.

We are pleased to be able to introduce to our customers this season a machine which effectually applies Paris Green or London Purple directly to the vines. It does entirely away with the necessity of using water, plaster, or any other bulky adulterant; simply from one to one and a half pounds of Paris Green to the acre blown on the vines by this fine distributor completes the whole business. In an hour an acre can be readily gone over, and the vines are never injured in the least, whereas when water is used some of the arsenic is dissolved and burns the vines. We depended wholly on this and the Leggett machine to protect our ten acres of potatoes. No more back-breaking, lugging of water; simply point the spout towards the top of the vines, turn the crank, and go ahead with your most rapid walk. A great time and labor saver.

Messrs. Norton & Barry, of Smith's Ferry, Mass., write: "Your Cyclone worked finely on over twenty acres of potatoes."

Mr. S. Nickerson, of Yardville, N. J., writes: "One of my men took your exterminator in one hand and five pounds of Paris Green in the other after breakfast, and came back at noon with five acres thoroughly dusted, so that next day it was difficult to find a bug."

Price, per express or freight, at purchaser's expense, \$6.00.

A. H. MATTHEWS' GARDEN DRILL



"THE PERFECT DRILL."

MATTHEWS' SEED DRILL.

Mr. Matthews' Seed Drill for 1890 has had added a new steel dial gauge and shut-off attachment; this connects by a chain and ring along the handle, by which the dropping of the seed can be instantly stopped. This drill is the one we use in sowing onion, carrot, beet, turnip, and sage seed. It opens the furrows, drops the seeds evenly and at the required depth, covers them, and lightly rolls the earth over the seed, which confines the moisture and promotes germination; it also, at the same time, traces the place for the next row. The Matthews is the only drill having the following good points: viz., 1st, A horizontal indicator, with the names of the different seeds on its top side. 2d, A perfected steel dial with pointers. 3d, It is so constructed that the flow of seed can be shut off when it is being moved from place to place. 4th, Its markers are made of wrought iron. 5th, Its markers hold each other up and can be operated entirely by the foot. 6th, There is a sliding weight on the markers. 7th, The handles can be raised or lowered to suit a boy or man. Price, per express or freight at purchaser's expense, \$8.50.

SUPERIOR KNIVES.

**"The English Gardener."**

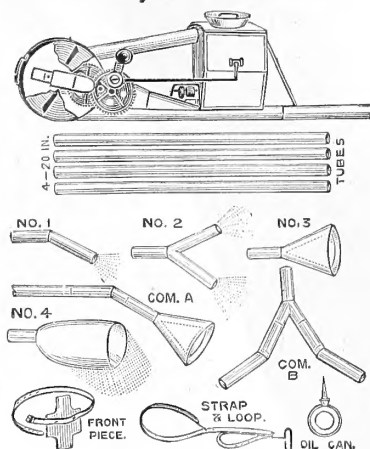
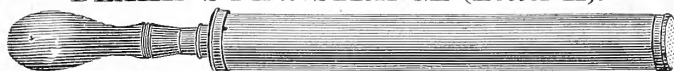
A favorite handy knife with the gardeners of England. Blades of best quality. The cut on right represents the exact size. By mail, 50 cts.

GENERAL PURPOSE KNIFE. Blades of razor steel. I have carried one for years and like it hugely. Cut in centre represents exact size. Postpaid to any address on receipt of 50 cts.

BUDDING KNIFE. Cocoa handle, razor-steel blade. Cut on the left represents exact size. By mail, 35 cts.

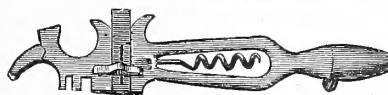
Leggett's Paris Green or Dry Powder Gun.

We catalogue this season another implement for the application of Paris green and other insecticides, in a dry state. There is the same general argument for this as for the Cyclone Exterminator. It saves the handling of great weight in useless water, plaster, or any other bulky adulterant. We have used the Leggett Gun on our farm the past season and find that it works exceedingly well, being very light to carry, is not liable to get out of gear, and never clogs. The various nozzles which go with it make it adapted for various uses, while the twelve feet of tubes which go with each gun will enable one to send the Paris green into the tops of average fruit trees. The shape and length of the tubes and various nozzles enable one so to direct the insecticides that there is no danger from catching them in the breath. Price, including all appliances in above engraving, per exp., \$7.00.

**DEAKIN'S NEW SYRINGE (Letter H).**

H Length of Barrel 18 in Diameter $1\frac{1}{2}$ in.

All brass, 18 inches long, 1 1-2 inches in diameter. Strong, cheap, durable; fills quickly and discharges perfectly. The cheapest all-brass syringe made. Price, per express at purchaser's expense, \$2.00; letter K syringe, a size smaller, \$1.50.

COMBINATION TOOL.

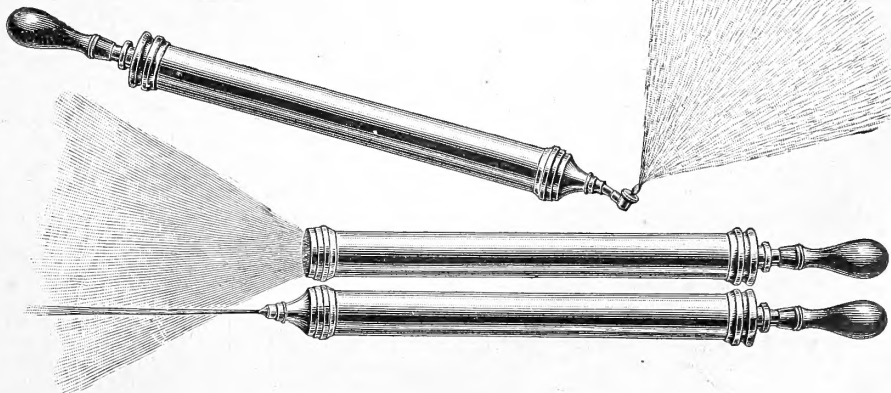
This tool, in addition to the appliances for cutting and setting glass, has also attached to it a steel for sharpening knives and scissors, also a corkscrew; will be mailed, postpaid, for 15 cts.

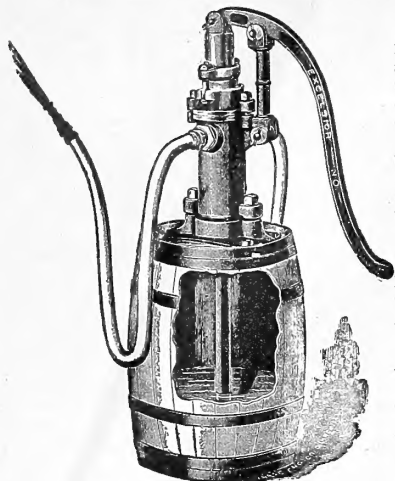
SPRAYING OUTFITS.

The extensive experiments made at the various agricultural colleges, supplemented as they have been by prominent fruit growers and vegetable raisers all over the United States, have demonstrated the efficient work done by the Bordeaux and other insect and fungus-killing preparations. **THEY HAVE COME TO STAY.** The fungicides and insecticides when intelligently applied (send to your agricultural colleges for reports giving full directions) prevent rot, mildew, and other diseases in vineyards; potato leaf blight and rot; leaf blight and rust in strawberries, raspberries, blackberries, and gooseberries; prevent or greatly check apple-scab, pear and plum leaf blight, peach and plum fruit rot, destroy the canker-worm, tent-caterpillar, and codling-moth, and exterminate the various forms of animal life injuring the leaves of cabbages, squashes, melons, cucumbers, currants, and gooseberries. The four implements we advertise below make an excellent spraying outfit.

THE HYDROSPRAYER

This style of syringe is the invention of the celebrated Dr. Fisher. It does much better work with the clear liquids than the various styles of force-pumps attached to barrels, and the same number of men can do an equal amount of work. The peculiar way in which the holes are made gives a six-foot spread to the spray, which will reach every portion of a tree within twenty-five feet of the operator. The brass syringe to which the nozzle is attached has a stroke of fourteen inches. It will be found very efficient in the application of all of the clear insecticides or fungicides to the orchard, grapeery, garden, and greenhouse. Price of the hydrosprayer, including cyclone nozzle, \$6.00; without cyclone nozzle, \$5.00; per express at purchaser's expense.



SPRAYING OUTFITS — Continued.**STAHL'S EXCELSIOR SPRAYER NO. 4.**

It supplies the spraying nozzle and keeps the liquid stirred up in the barrel. One hundred trees per hour can be sprayed with this outfit. This pump is fitted with eight feet of hose and the Improved Orchard Nozzle. It is to be inserted in a barrel. Three feet of return hose is attached, with which is connected a discharge pipe, so that at every stroke of the pump a small part of the liquid is re-discharged into the barrel near the bottom of suction pipe, which **KEEPS THE POISON AND WATER WELL MIXED**, which is very essential, so as not to burn the foliage.

This outfit is also furnished with a fine strainer at bottom of suction pipe, which effectually prevents leaves or dirt from getting into pump or nozzles. We recommend the above outfit as especially adapted for orchard use.

Price of outfit complete (without barrel), per express or freight, with brass cylinder, plunger, and rod, \$10.00.

STAHL'S EXCELSIOR KNAPSACK SPRAYER.

To be carried on the back of a man, knapsack fashion. From five to six acres a day can be sprayed with it.

This machine consists of a copper reservoir holding about five gallons. The pump, being made entirely of brass and copper, can neither rust nor corrode. There is a large air chamber inside of the reservoir which will keep up the pressure, and continues to discharge the spray for nearly one minute after the operator stops pumping. A brass pipe fifteen inches in length, with a stopcock, is furnished with each machine, including the celebrated **VERMORAL NOZZLE**. This nozzle brings the liquid out in shape of a fine, mist-like spray. Price, per express or freight, \$12.00.

Our good neighbor Charles Robinson writes: "I bought a No. 4 Sprayer of you last May, and am well satisfied with it. It does its work completely, expeditiously and inexpensively."

STAHL'S EXCELSIOR SPRAYER NO. 7.

It is adapted for throwing liquid solutions of all kinds to destroy noxious insect and fungous growth of every nature on plant, tree, or vine. For washing windows and carriages, and showering gardens, it has no superior. In fact, in a diminished degree, it is capable of every use of an ordinary force-pump. It is always ready for use, and not liable to get out of order. It will throw water at the rate of eight to ten gallons per minute to a height of forty feet or more. With each pump is sent suction and discharge hose, connected, so that it requires no labor to put in immediate operation. Longer lengths of hose can be furnished if desired, for any outfit, at 15 cts. per foot.

Price, with three feet of suction and three feet of discharge hose, brass discharge-pipe and rose sprinkler, \$7.00, per express.

INSECTICIDES.**PARIS GREEN, PURE.**

Used for various purposes, for which see the bulletins of the various agricultural stations; in water, at the ratio of 1 lb. to 5, 50 to 200 gallons. Certain death to all insects. (*Not available.*) Per lb., per exp., 25 cts.; per $\frac{1}{2}$ lb., 15 cts.

GISHURST'S COMPOUND.

A well-known English remedy for the destruction of the pests of the greenhouse, the scab, mealy-bug and red-spider. Per lb., postpaid, 65 cts.; per exp., 50 cts.

LONDON PURPLE.

Cheaper than Paris Green; it is equally destructive of insects. The arsenic in it being more soluble, it needs to be used with some discrimination. Paris Green is the safer insecticide. (*Not available.*) Per lb., per exp., 25 cts.

TOBACCO POWDERED, NO DIRT.

Dust while foliage is moist, to destroy rose lice, cabbage and turnip fleas. Per lb., postpaid, 25 cts.; per exp., 10 cts.; 5 lbs., per exp., 30 cts.; 10 lbs., 50 cts.

PURE POWDERED HELLEBORE.

The standard protection of currants and gooseberry bushes from the currant-worm; also for grape slugs. Apply either dry or dissolved in water, using 1 lb. in 30 gallons of water. Per lb., postpaid, 45 cts.; per $\frac{1}{2}$ lb., 25 cts.; per lb., per exp., 30 cts.; per $\frac{1}{2}$ lb., 18 cts.

WHALE-OIL SOAP.

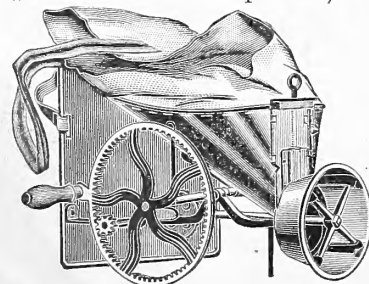
Very effective as a wash for trees and plants; death to both insects and their eggs. 1 lb. to 4 gallons of water sprayed on will destroy aphidæ on all vegetables and plants infected by them. Per lb., in package, postpaid, 35 cts.; per lb., per exp., 15 cts.; 5 lbs., per exp., 60 cts.; 10 lbs., \$1.00.

Persian Insect or Dalmatian Powder.

One of the cleanest and safest of all insecticides. Invaluable to the housekeeper in clearing the house of flies and cockroaches. Per lb., postpaid, 60 cts.; per $\frac{1}{2}$ lb., 33 cts.; per $\frac{1}{4}$ lb., 20 cts.; per lb., per exp., 45 cts.; per $\frac{1}{2}$ lb., 25 cts.; per $\frac{1}{4}$ lb., 15 cts.

A NEW HAND SEED SOWER.

There are probably not two men in our big country who are thoroughly agreed as to the quantity of grass seeds, clovers, etc., which should be sown per acre; and should they agree as to the



quantity, the probabilities are that neither one of them could sow it evenly, and so we come to their aid with Pearce's Improved Cahoon's Hand Seed Sower, which sows all kinds of grain and grass seeds most accurately, and most rapidly. This is probably the simplest and best hand sower on the market. It is not liable to get out of order, and is warranted to give satisfaction. Price, per express or railroad, \$5.00.

THAT \$25.00 SQUASH!

Last season we offered \$25.00 in gold to any one who would send us seed of the original Marrow Squash in its original purity and quality. Several lots were sent us by enterprising farmers. Singular to say, two of the lots proved to be varieties of pumpkins. One of the lots, however, was the original Marrow in all its original purity; but we exceedingly regret that the location and season so affected its growth that the squashes did not get fully ripe, and hence we were unable to determine whether or not it retained the quality of the original stock. As we expect sufficient seed from the farmer friend who supplied it to enable us to give it another trial, we hope by another season to be able to inform our patrons that we have discovered that famous squash with all its original purity and quality.

The Queen Pea (*too late for page 46*). The extremely large size of the peas and the dark rich green color of the pods command it to the home garden. Height, two feet. An admirable variety to follow Champion of England. Price, per quart, postpaid, 45 cts.; per quart, per express, 30 cts.; per package, 10 cts.



FERTILIZERS.



Last season we advertised three special fertilizers. As we found considerable difficulty in getting these manufactured by reliable parties, we have concluded the present season to offer no special fertilizers, but instead to offer one of general value and to give advice as to what additions may be needed to it to make it specially valuable for special crops. In other words, instead of offering separately a fertilizer for corn, another for cabbage, and a third for crops in general, we will give suggestions, on many practical tests made at our Experimental Stations, as to what to add to Bradley's Complete Vegetable Manure to adapt it for these crops. We thus virtually enable our customers to become compounders of their own fertilizers.

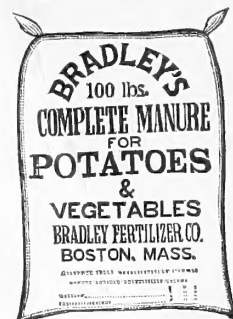
The Bradley Fertilizers are too well known to need any indorsement from us. They are made from the best of materials, and are in excellent mechanical condition, being both dry and fine, dropping very readily from any fertilizing machine.

Bradley's "Complete Manure for Vegetables and Potatoes" was the fertilizer used by Mr. Tassinari, in addition to twelve cords of barn manure, in helping along his big onion crop, which is illustrated on the back cover of this catalogue. The analysis of this fertilizer is as follows:—

Bradley's Complete Manure for Potatoes and Vegetables.

Ammonia	4.50 to 5.50 per cent.
Available Phosphoric Acid.....	8.00 to 10.00 "
Total.....	9.00 to 12.00 "
Actual Potash	6.00 to 7.00 "
Equal to Sulphate of Potash	11.00 to 13.00 "

Price of Bradley's Complete Manure, delivered free on cars in Boston. Per ton, \$42.50; per 100 lbs., in bags, \$2.25.



☞ This Fertilizer is excellent to use in a general way for any crop raised on the farm. ☞

To make a Good Corn Fertilizer for most soils.

Where the soil specially needs potash, and extensive experiments have proved this to be the case with most soils, add to Bradley Brand from 4 to 6 per cent more of potash, which, in the form of sulphate, would be from 175 to 225 lbs. to the acre. Apply the extra potash broadcast and harrow in. It is too strong to apply directly to the hills or drills.

To make a Good Potato Fertilizer for most soils.

Where the soil is especially deficient in potash add to each ton of the Bradley 250 lbs. of Sulphate of Potash, and for all soils add from 75 to 150 lbs. Nitrate of Soda. Use 6 cords of manure, ploughed in, and from 500 to 1,500 of the fertilizer *very thoroughly* mixed with the soil in the drills. Where the larger quantity is used, broadcast and harrow in half of it; 100 lb. more of the Nitrate of Soda added will make a compound excellent for onions.

For a thorough treatise on Fertilizers, telling everything a practical farmer would like to know about them, I would refer my customers to my work on "Fertilizers," which they will find described on second page of cover.

AGRICULTURAL CHEMICALS, ETC.

Prices subject to market changes. Prices quoted are for delivery at Railroad or Express office at Boston.

FRESH GROUND BONE, 3 to 4 per cent Ammonia. 18 to 22 per cent Phosphoric acid. Per 100-lb. bag, \$2.00; per ton, \$32.00.

SULPHATE OF AMMONIA, 24 $\frac{1}{2}$ to 25 $\frac{1}{4}$ per cent Ammonia. Per 100-lb. bag, \$4.00; per ton, \$78.00.

NITRATE OF SODA, 94 to 96 per cent purity. Per 100-lb. bag, \$2.75; per ton, \$50.00.

DISSOLVED BONE BLACK, 15 to 18 per cent soluble and available Phosphoric acid. Per 100-lb. bag, \$1.50; per ton, \$28.00.

DISSOLVED BONE, 2 to 3 per cent Ammonia. 10 to 12 per cent soluble and available and 12 to 14 per cent total Phosphoric acid. Per 100-lb. bag, \$1.75; per ton, \$32.00.

DRY GROUND FISH, 10 to 12 per cent Ammonia and 8 to 10 per cent of Bone Phosphate. Per 100-lb. bag, \$2.00; per ton, \$37.00.

DRIED BLOOD, 12 to 14 per cent Ammonia. Per 100-lb. bag, \$2.10; per ton, \$40.00.

MURIATE OF POTASH, 80 to 85 per cent purity. Per 100-lb. bag, \$2.50; per ton, \$45.00.

HIGH-GRADE SULPHATE OF POTASH, 90 to 95 per cent sulphate of potash; 50 to 52 per cent actual potash. Per 100-lb. bag, \$2.65; per ton, \$52.50.

POULTRY SUPPLIES.

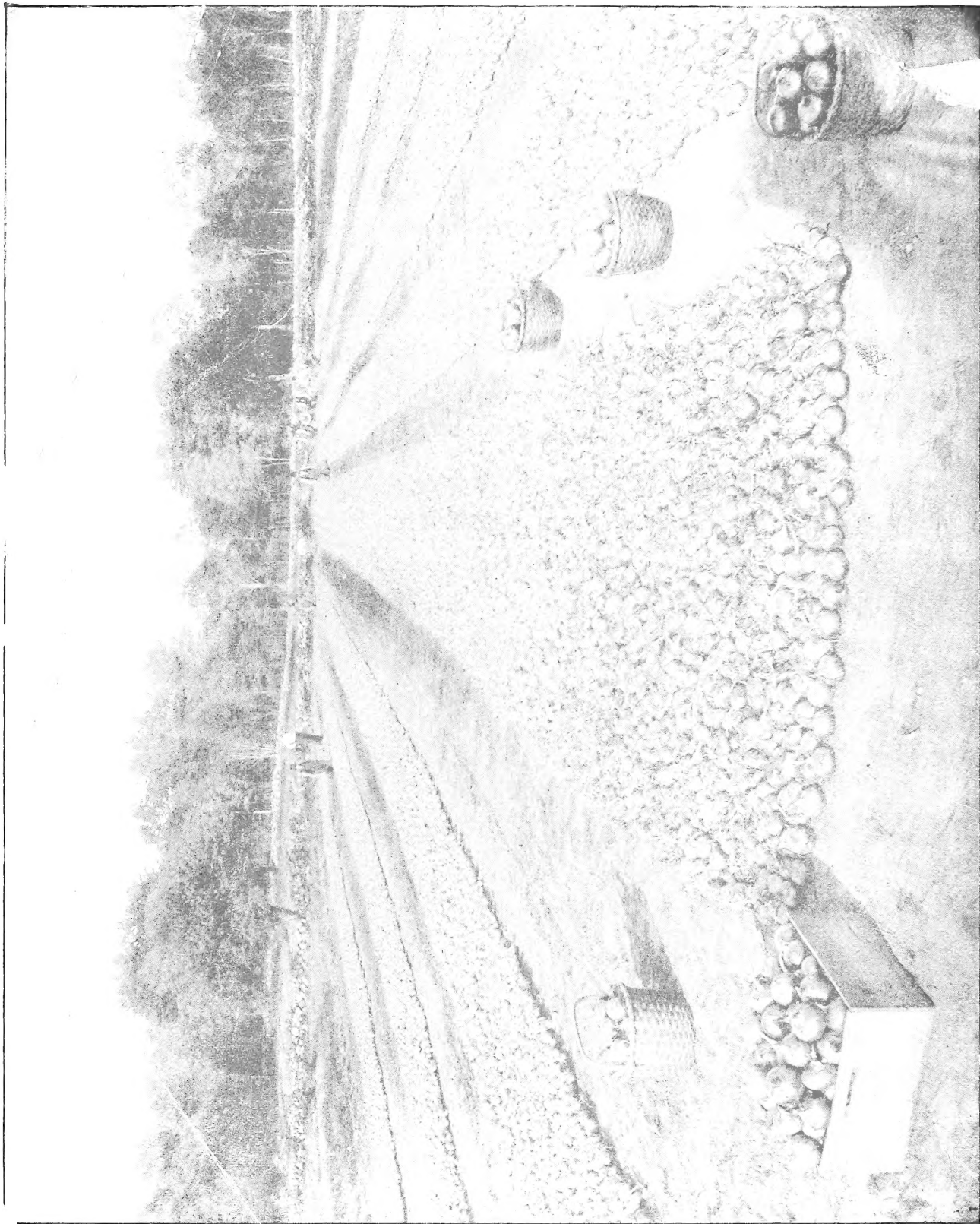
Prices quoted are for delivery at Railroad or Express office at Boston.

GROUND OYSTER SHELLS:—For fowls. Prepared from oyster shells thoroughly washed, dried, and made sweet, and then reduced so that it passes easily through a screen of $\frac{1}{2}$ -inch mesh, and almost entirely free from fine siftings. In 100-lb. bag, 75 cts.

GROUND BEEF SCRAPS:—Prepared from carefully selected scraps, and ground to the proper fineness. In 100-lb. bag, \$2.75.

ANIMAL MEAL:—A specially prepared egg-producing food for fowls. Made from fresh meat and fresh bones, carefully selected, dried and ground to a sweet meal, making a sweet, stimulating, and highly nutritious food, which fowls and pigs eat greedily. Advertising matter furnished free. In 100-lb. bag, \$2.25.

CRACKED BONE:—For fowls. Made from white selected bone and reduced to about the fineness of cracked corn. In 100-lb. bag, \$2.25.



PROBABLY THE LARGEST CROP OF GLOBE DANVERS ONIONS EVER GROWN IN ESSEX COUNTY, MASS.

Engraved from a photograph of a crop of DANVERS ONIONS, grown in 1893 by Ettore Tassinari, at Danvers Insane Asylum Farm, from seed purchased of J. H. Gregory & Co. The land was first liberally dressed with stable manure, and then fertilized with about 1,600 lbs. of Bradley's Complete Manure to the acre. The entire crop was accurately measured, and the yield was 1,082 bushels of fine onions to the acre, making it probably the largest crop of Globe Danvers onions ever grown in Essex County, Mass.